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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1941–42

OFFICE OF EXPERIMENT STATIONS

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Organization Lists of the Agricultural Experiment Stations, and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bul. 5.)

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Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges. 1892, 1893, 1894. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 12, 13, 19.)

Organization Lists of the Agricultural Experiment Stations and Institutions with Courses in Agriculture in the United States. 1895, 1896, 1897, 1898. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 23, 27, 39, 47.)

Organization Lists of the Agricultural Colleges and Experiment Stations in the United States, with a List of Agricultural Experiment Stations in Foreign Countries. 1899, 1900, 1901, 1902. (U. S. Dept. Agr., Off. Expt. Stas. Buls. 59, 74, 88, 111.)

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✦

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By BETTY T. RICHARDSON
Office of Experiment Stations

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coöp., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic(s), Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Exec., Executive.
Expt., Experiment, Experimental, Experimentalist.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol, Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.

Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Res., Research.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Spec., Special, Specialist(s).
Sta., Station.
Stat., Statistics, Statistical, Statistician.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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[1] In the preparation of this publication Miss Richardson was assisted by Mrs. Thelma C. Sanborn of the Office of Experiment Stations.

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*T. C. Fitzgerald, D. V. M., M. S., *Prof. Vet. Anat. and Histol.*
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*K. S. Harmon, D. V. M., *Instr. Vet. Med.*
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*M. O. Robinson, D. V. M., *Prof. Bact.*
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*E. S. Winters, B. S., D. V. M., *Assoc. Prof. Physiol.*
*F. P. Woolf, D. V. M., M. S., *Asst. Prof. Vet. Med.*

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*†R. O. Christenson Ph. D., *Assoc. Prof. and Assoc. Zool.*
*D. H. Copeland, B. S., *Instr. Zool.-Ent.*
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*‡W. T. Ingram, *Purchasing Agt. and Acct.*
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*†Sara Willeford, B. S., *Agr. Libr.*

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Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown, M. S., *Supt.*
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Sand Mountain Substa., *P. O., Crossville*—
R. C. Christopher, B. S., *Supt.*
S. E. Gissendanner, B. S., *Asst. Supt.*

[1] For subject-matter workers see the respective division ; i. e., agronomy and soils, animal industry, etc.

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*R. D. Morrison, B. S., *Dir. of Agr.*

*Mrs. Minnie M. Bray, *Laundering*
*Ruth A. Bryant, B. S., *Home Econ.*
*Addie M. Butler, B. S., *Supvr. Home Econ.*
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*V. M. Chambers, M. S., *Biol.*
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*Mrs. Maggie W. Elmore, *Home Econ.*
‡W. T. Gravitt, *Agr. Dem. Agt.*
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*B. D. Mayberry, B. S., *Voc. Agr.*
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Chemistry:
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Extension (Agr.):
‡L. T. Oldroyd, B. S., *Dir.*
‡Lydia Fohn-Hansen, B. S., *Home Dem. Leader.*
‡Harold Rice, B. S., *Dist. Agr. Agt. (P. O., Palmer).*
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‡Jean M. Stewart, M. A., *State Leader Home Dem. Work.*
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‡E. M. Mercer, *Rodent Control Spec. (Coop. U. S. D. I.: P. O., Phoenix).*

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‡Lorene Dryden, B. S., *Clothing Spec.*
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*Helen G. Forney, M. A., *Instr. Home Econ.*
*Mildred R. Jensen, M. A., *Asst. Prof. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
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Horticulture:
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†A. E. Griffiths, Ph. D., *Asst Hort. (P. O., Tempe).*
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*†W. E. Martin, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H. F. Tate, B. S., *Ext. Hort.*
†C. W. Van Horn, M. S., *Asst. Hort. (P. O., Yuma).*

Human Nutrition:
†Mrs. Margaret C. Smith, Ph. D., *Nutr. Chem.*
†Mrs. Louise O. Burlinson, Ph. D., *Assoc. Nutr. Chem.*
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Miscellaneous:
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Substations:
Hort. Research Lab., *P. O., Tempe*—
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Salt River Valley Expt. Farm, *P. O., Mesa*—
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University Farm, *P. O., Tucson*—
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University Poultry Farm, *P. O., Tucson*—
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*P. L. Kelly, Ph. D., *Asst. Prof. and Asst. in An. Indus. (Dairyman).*
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‡M. W. Muldrow, B. S., *Ext. An. Husb. (P. O., Little Rock).*
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Bacteriology and Veterinary Science:
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*L. B. Schweiger, M. S., *Instr. Bact. and Vet. Sci.*

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Leon Evans, B. S., *Sci. Asst.*
Rice Branch Expt. Sta., *P. O., Stuttgart*—
L. C. Carter, B. S., *Asst. Dir. in charge.*
C. R. Adair, Ph. D., *Asst. Agron.* (*Coop. U. S. D. A.*).
J. W. Wiser, B. S., *Sci. Asst.*
J. B. Woods, B. S., *Sci. Asst.*

Agricultural, Mechanical, and Normal College, *Pine Bluff*

*Agricultural faculty.

*J. B. Watson, A. M., LL. D., *President. Asst. Prof. Farm Mgt.*
*C. S. Woodard, M. S., *Dean Div. of Agr. and Voc. Ed.*

*E. G. Dawson, B. S., *Instr. Agr.*
*Lillie Jones, M. A., *Instr. Home Econ.*
*David Mays, M. S., *Instr. Agr.*
*C. W. Molette, B. S., *Agr. and Farm Mgt.*
*Julia L. Palmer, A. B., B. L. S., *Libr.*
*Mrs. Eula D. Peebles, M. S., *Dir. Home Econ. Ed.*
*R. L. Reynolds, M. S., *Asst. Prof. Agr.*
*Fred Spottsville, M. S., *Asst. Prof. Poultry.*
*Marion Taylor, A. B., *Dean of Women.*
*Pinkie E. Thrift, A. M., *Dir. Div. of Home Econ.*
*Alice Washington, M. A., *Instr. Clothing.*

[1] For subject-matter workers see the respective division: i. e., agronomy, animal industry, etc.

CALIFORNIA

College of Agriculture, the Agricultural Experiment Station, and the Departments of Forestry and Home Economics of the University of California

*College faculty. †Station staff. ‡Extension staff.

*R. G. Sproul, B. S., LL. D., Litt. D., *President of University (P. O., Berkeley).*
*†C. B. Hutchison, M. S., LL. D., D. Agr. (hon. c.), *Dean Coll. of Agr., Dir. of Sta. (P. O., Berkeley).*
‡B. H. Crocheron, M. S., *Dir. of Agr. Ext. Service (P. O., Berkeley).*
*†S. B. Freeborn, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta. (P. O., Berkeley).*
*†W. H. Chandler, Ph. D., *Asst. Dean Coll. of Agr. (P. O., Los Angeles).*
*†K. A. Ryerson, M. S., *Asst. Dean Coll. of Agr. (P. O., Davis).*
†L. D. Batchelor, Ph. D., *Dir. of Citrus Expt. Sta. (P. O., Riverside).*
———— ———— *Dir. Giannini Foundation of Agr. Econ. (P. O., Berkeley).*
*†J. H. Corley, B. S., *Comptroller (P. O., Berkeley).*

Berkeley [1]

Agronomy:
*†W. W. Mackie, M. S., *Agron.*
*†A. A. Beetle, Ph. D., *Instr. and Junior Agron.*

Economics (Agr.): [2]
———— ———— *Head of Div., Berkeley, Davis, and Los Angeles.*
*†R. L. Adams, M. S., *Prof. Farm Mgt.; Agr. Econ.*
*†M. R. Benedict, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*†Siegfried von Ciriacy-Wantrup, Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*†H. E. Erdman, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
†G. M. Kuznets, A. B., *Assoc. in Expt. Sta. (Agr. Econ.).*
†Mrs. D. Beatrice Mirkowich, Ph. D., *Assoc. in Expt. Sta. (Agr. Econ.).*
‡S. W. Shear, Ph. D., *Assoc. Agr. Econ.*
*†Mrs. Dorothy S. Thomas, Ph. D., *Prof. Rural Sociol.; Rural Sociol.*
*†J. M. Tinley, Ph. D., *Assoc. Prof. and Agr. Econ.*
*†E. C. Voorhies, B. S., *Prof. Agr. Econ.; Agr. Econ.*
*†David Weeks, C. E., Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
*†H. R. Wellman, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

Editorial:
†W. E. Berg, B. S., *Editor.*
†Mrs. Mary B. Rubo, B. S., *Asst. Editor.*

Entomology and Parasitology:
*†W. B. Herms, M. A., Sc. D., *Head of Div., Berkeley and Davis.*
†A. D. Borden, A. M., *Assoc. Ent.*
*†Roderick Craig, Ph. D., *Asst. Prof. and Asst. Insect Physiol.*
*†E. O. Essig, M. S., *Prof. Ent.; Ent.*
*S. B. Freeborn, Ph. D., *Prof. Ent.*
*†J. H. Freitag, Ph. D., *Instr. and Junior Ent.*
*Florence M. Frost, Ph. D., *Instr. Ent.*
*†W. M. Hoskins, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†W. H. Lange, Ph. D., *Assoc. in Expt. Sta. (Ent.: P. O., Salinas).*
*†E. G. Linsley, Ph. D., *Instr. and Junior Ent.*
*†G. F. MacLeod, Ph. D., *Prof Ent.*
†A. E. Michelbacher, Ph. D., *Junior Ent.*
†H. H. P. Severin, Ph. D., *Assoc. Ent*
†G. L. Smith, M. S., *Assoc. in Expt. Sta. (Ent.: P. O., Shafter).*
†L. M. Smith, Ph. D., *Asst. Ent. (P. O., San Jose).*
†E. M. Stafford, Ph. D., *Junior Ent.*

EXTENSION SERVICE (Agr.):
Administrative:
‡B. H. Crocheron, M. S., *Dir.*
‡Claribel Nye, M. A., *Actg. State Home Dem. Leader.*

Berkeley—Continued

EXTENSION SERVICE (Agr.)—Con.
Administrative—Continued.
‡E. Belle Alger, B. S., *Asst. State Home Dem. Leader.*
‡P. C. Barker, B. S., *Asst. State Club Leader, Coast Counties.*
‡Freda A. Bebee, B. S., *Itinerant Asst. Home Dem. Agt.*
‡H. M. Butterfield, M. S., *Spec. (Public Service).*
‡C. F. Elwood, B. S., *Asst. Prof. in charge Public Service Office.*
‡T. F. Hunt, B. S., *Assoc. Prof. Agr. Ext. in charge of Unorganized Counties.*
‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡Mary E. Mies, B. S., *Home Dem. Agt. at Large.*
‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡Fleda E. Smith, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡Florence H. Tennant, M. S., *Home Dem. Agt. at Large.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader and in charge of Spec.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Southern Counties.*

Subject Matter Specialists:
‡G. B. Alcorn, M. S., *Mktg. Spec.*
‡D. T. Batchelder, B. S., *An. Husb. Spec.*
‡J. B. Brown, B. S., *Irrig. Spec.*
‡L. N. Brown, B. S., *Soil Conserv. Spec.*
‡B. B. Burlingame, M. S., *Farm Mgt. Spec.*
‡Jessie L. Decker, *Home Furnishing Spec.*
‡Ethelwyn M. Dodson, B. S., *Clothing Spec.*
‡R. B. Easson, B. S., *Spec.*
‡F. H. Ernst, B. S., *Spec.*
‡Hilda Faust, M. A., *Nutr. Spec.*
‡L. W. Fluharty, B. S., *Farm Mgt. Spec.*
‡G. E. Gordon, B. S., *Dairy Spec.*
‡B. J. Jones, B. S., *Agron. Spec.*
‡K. G. McKay, M. S., D. V. M., *Vet. Sci. Spec.*
‡Woodbridge Metcalf, M. S., *For. Spec.*
‡W. E. Newlon, B. S., *Poultry Spec.*
‡W. R. Ralston, B. S., *Spec.*
‡L. H. Rochford, B. S., *An. Husb. Spec.*
‡J. B. Schneider, Ph. D., *Mktg. Spec.*
‡W. R. Schoonover, M. S., *Soils Spec.*
‡C. E. Scott, M. A., *Plant Path. Spec.*
‡Arthur Shultis, M. S., *Farm Mgt. Spec.*
‡Wallace Sullivan, M. S., *Farm Mgt. Spec.*
‡R. S. Waltz, B. S., *Asst. For. Spec.*
‡Jean Warren, Ph. D., *Home Mgt. Spec.*

[1] The personnel with headquarters at Berkeley, Davis, Riverside, and Los Angeles, respectively, are given in separate lists.
[2] Including the Giannini Foundation of Agricultural Economics.

Berkeley—Continued

Forestry:

*†Walter Mulford, F. E., D. Sc., *Head of Dept.*
*R. K. Arnold, B. S., M. F., *Assoc. in For.*
*†F. S. Baker, F. E., *Prof. For.; Silviculturist.*
*†P. M. Barr, M. F., Ph. D., *Assoc. Prof. and Asst. For.*
*†R. A. Cockrell, Ph. D., *Asst. Prof. and Asst. For.*
*Emanuel Fritz, M. F., Ph. D., *Assoc. Prof. For.*
*†H. R. Josephson, Ph. D., *Asst. Prof. For.; Asst. For. Econ.*
*†Joseph Kittredge, M. F., Ph. D., *Prof. For.; For. Ecol.*
*†M. E. Krueger, M. S., *Prof. and Assoc. For.*
*†A. W. Sampson, Ph. D., *Prof. For.; Plant Ecol.*

Fruit Products:

*†W. V. Cruess, Ph. D., *Head of Div.*
*†M. A. Joslyn, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Chem.*
*†Gordon Mackinney, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Biochem.*
*†G. L. Marsh, M. S., *Assoc. in Expt. Sta.* (*Fruit Products*).
*†E. M. Mrak, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Mycol.*
*†R. H. Vaughn, Ph. D., *Asst. Prof. Fruit Technol.; Asst. Bact.*

Genetics (Agr.):

*†E. B. Babcock, M. S., *Head of Div.*
†D. R. Cameron, Ph. D., *Junior Geneticist.*
†W. E. Castle, Ph. D., *Res. Assoc. in Genetics.*
*R. E. Clausen, Ph. D., *Prof. Genetics.*
*†E. R. Dempster, Ph. D., *Instr. and Junior Geneticist.*
*†J. A. Jenkins, Ph. D., *Instr. and Junior Geneticist.*
*†G. L. Stebbins, Jr., Ph. D., *Assoc. Prof. and Assoc. Geneticist.*

Home Economics:

*†Mrs. Agnes F. Morgan, Ph. D., *Head of Dept., Berkeley and Davis.*
*†Jessie V. Coles, Ph. D., *Assoc. Prof. and Assoc. Home Econ.*
*†Helen L. Gillum, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Catherine Landreth, Ph. D., *Asst. Prof. Home Econ.*
*Mae N. Lent, *Lect. in Home Econ.*
*Ellen B. McGowan, Ph. D., *Lect. in Textiles.*
*†Ruth E. Okey, Ph. D., *Assoc. Prof. Home Econ.; Assoc. Biochem.*
*†Mrs. Betty M. Watts, Ph. D., *Asst. Prof. Home Econ.; Junior Biochem.*

Irrigation:

*†Frank Adams, M. A., *Prof. Irrig.; Irrig. Econ.*

Landscape Design:

*J. W. Gregg, B. S., *Head of Div., Berkeley and Davis.*
*H. W. Shepherd, B. S., *Assoc. Prof. Landsc. Design.*
*H. L. Vaughan, B. S., *Asst. Prof. Landsc. Design.*

Nutrition:

†H. M. Evans, B. S., M. D., *Res. Assoc. in Expt. Biol.*

Plant Nutrition:

*†D. R. Hoagland, M. S., *Head of Div.*
*†D. I. Arnon, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Plant Physiol.*

Berkeley—Continued

Plant Nutrition—Continued.

*†H. A. Barker, Ph. D., *Asst. Prof. and Asst. Soil Microbiol.*
*†J. P. Bennett, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*
†T. C. Broyer, B. S., *Asst. Plant Physiol.*
*J. S. Burd, B. S., *Prof. Plant Nutr.*
†W. H. Dore, B. S., *Chem.*
*†W. Z. Hassid, Ph. D., *Asst. Prof. Plant Nutr.; Asst. Chem.*
*C. B. Lipman, Ph. D., D. Sc., *Prof. Plant Physiol.*
†J. C. Martin, B. S., *Assoc. Chem.*
*†H. S. Reed, Ph. D., *Prof. Plant Physiol.; Plant Physiol.*
†P. R. Stout, Ph. D., *Assoc. in Expt. Sta.* (*Plant Nutr.*).
†Albert Ulrich, Ph. D., *Junior Chem.* (*Plant Nutr.*).

Plant Pathology:

*†M. W. Gardner, Ph. D., *Head of Div., Berkeley and Davis.*
*†P. A. Ark, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†J. T. Barrett, Ph. D., *Prof. Plant Path.; Plant Path.*
†E. V. Goldsmith, *Assoc. in Expt. Sta.* (*Plant Path.; P. O., San Jose*).
*†H. N. Hansen, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
*†T. E. Rawlins, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*
†B. A. Rudolph, Ph. D., *Assoc. Plant Path.* (*P. O., San Jose*).
*†R. E. Smith, Sc. D., *Prof. Plant Path.; Plant Path.*
*†W. C. Snyder, Ph. D., *Asst. Prof. and Asst. Plant Path.*
*†W. N. Takahashi, Ph. D., *Instr. and Junior Plant Path.*
*†Harold E. Thomas, Ph. D., *Asst. Prof. and Assoc. Plant Path.*
*†H. Earl Thomas, Ph. D., *Assoc. Prof. and Plant Path.*
†C. M. Tompkins, Ph. D., *Asst. Plant Path.*
*†C. E. Yarwood, Ph. D., *Asst. Prof. and Asst. Plant Path.*

Poultry Husbandry:

*†L. W. Taylor, Ph. D., *Head of Div. Berkeley and Davis.*
*†H. J. Almquist, Ph. D., *Assoc. Prof. and Assoc. Poultry Husb.*
†Samuel Lepkovsky, Ph. D., *Assoc. Poultry Husb.*
*†I. M. Lerner, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*

Soils:

*†W. P. Kelley, Ph. D., *Head of Div., Berkeley and Davis.*
*†G. B. Bodman, Ph. D., *Prof. Soil Phys.; Soil Physicist.*
†R. C. Cole, Ph. D., *Asst. Soil Technol.*
*†P. R. Day, Ph. D., *Instr. Soil Phys.; Junior Soil Physicist.*
†R. A. Gardner, M. S., *Assoc. in Expt. Sta.* (*Soils*).
†F. F. Harradine, B. S., *Assoc. in Expt. Sta.* (*Soils*).
*†Hans Jenny, Sc. D., *Prof. Soil Chem. and Morphol.; Soil Chem. and Morphol.*
†Roy Overstreet, Ph. D., *Junior Chem.*
*†J. B. Page, Ph. D., *Instr. and Junior Soil Chem.*
†Esther P. Perry, Ph. D., *Junior Soil Chem.*
*†R. E. Storie, B. S., *Lect. and Assoc. Soil Technol.*
†W. W. Weir, *Drainage Engin.*

Berkeley—Continued.

Veterinary Science:

*†C. M. Haring, D. V. M., *Head of Div., Berkeley and Davis.*
†R. A. Bankowski, D. V. M., *Assoc. in Expt. Sta. (Vet. Sci.).*
*†J. R. Beach, D. V. M., *Prof. Vet. Sci.; Vet.*
*†W. H. Boynton, D. V. M., *Prof. Vet. Sci.; Vet.*
†J. W. Britton, D. V. M., *Junior Vet.*
*†K. B. DeOme, Ph. D., *Instr. and Junior An. Path.*
†Mary K. Dunlap, D. V. M., *Res. Assoc. in Vet. Sci.*
*†O. W. Schalm, Ph. D., D. V. M., *Asst. Prof. Vet. Sci.; Asst. Vet.*
*†Jacob Traum, D. V. M., *Prof. Vet. Sci.; Vet.*

Davis

Agronomy:

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†J. S. Bransford, M. S., *Assoc. in Expt. Sta. (Agron.).*
*†F. N. Briggs, Ph. D., *Assoc. Prof. and Assoc. Agron.*
*†J. P. Conrad, Ph. D., *Assoc. Prof. and Assoc. Agron.*
†L. L. Davis, M. S., *Assoc. in Expt. Sta. (Agron.: P. O., Biggs).*
†L. G. Goar, *Assoc. in Expt. Sta. (Agron.: P. O., El Centro).*
†G. J. Harrison, B. L., *Assoc. in Expt. Sta. (Agron.).*
*G. W. Hendry, B. S., *Asst. Prof. Agron.*
*†R. M. Love, Ph. D., *Asst. Prof. and Asst. Agron.*
†J. L. Myler, M. S., *Assoc. in Agron.*
†F. G. Parsons, B. S., *Assoc. in Expt. Sta. (Agron.).*
†F. L. Smith, Ph. D., *Junior Agron.*
†C. A. Suneson, M. S., *Assoc. in Expt. Sta. (Agron.: Coop. U. S. D. A.).*

Animal Husbandry: [1]

*†G. H. Hart, M. D., D. V. M., *Head of Div.*
*G. A. Bell, B. S., *Assoc. in An. Husb.*
*†H. H. Cole, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†Harold Goss, Ph. D., *Assoc. Prof. and Assoc. An. Husb.*
*†P. W. Gregory, Sc. D., *Assoc. Prof. and Assoc. An. Husb.*
*†H. R. Guilbert, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†C. E. Howell, M. S., *Assoc. in An. Husb.; Assoc. An. Husb. (P. O., Pomona).*
*†E. H. Hughes, Ph. D., *Prof. An. Husb.; An. Husb.*
†N. R. Ittner, B. S., *Assoc. in Expt. Sta. (An. Husb.).*
*†Max Kleiber, D. Sc., *Prof. An. Husb.; An. Husb.*
*†S. W. Mead, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*†R. F. Miller, M. S., *Prof. An. Husb.; An. Husb.*
*†W. M. Regan, A. M., *Prof. An. Husb.; An. Husb.*
*K. A. Wagnon, B. S., *Asst. in An. Husb. (P. O., O'Neals).*
*†J. F. Wilson, M. A., *Prof. An. Husb.; An. Husb.*
†Maxine B. Young, Ph. D., *Assoc. in Expt. Sta. (An. Husb.).*

Davis—Continued

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*†W. W. Robbins, Ph. D., *Head of Div.*
*†A. S. Crafts, Ph. D., *Assoc. Prof. and Assoc. Bot.*
*H. B. Currier, M. S., *Assoc. in Bot.*
*†Katherine Esau, Ph. D., *Asst. Prof. and Asst. Bot.*
†F. G. Larmer, M. S., *Assoc. in Expt. Sta. (Bot.).*
†R. N. Raynor, B. S., *Assoc. in Expt. Sta. (Bot.).*
†R. S. Rosenfels, Ph. D., *Assoc. in Expt. Sta. (Bot.: Coop. U. S. D. A.).*
*C. R. Stocking, M. S., *Assoc. in Bot.*
*†T. E. Weier, Ph. D., *Asst. Prof. and Asst. Bot.*

Chemistry:

*†H. A. Young, Ph. D., *Head of Div.*
*†S. H. Babcock, Ph. D., *Asst. Prof. and Asst. Chem.*
*†R. M. Keefer, Ph. D., *Instr. and Junior Chem.*
*†Kenzie Nozaki, Ph. D., *Assoc. in Chem. and in Expt. Sta.*
*†H. G. Reiber, Ph. D., *Asst. Prof. and Asst. Chem.*
*†D. H. Volman, Ph. D., *Instr. and Asst. Chem. (P. O., Los Angeles).*

Dairy Industry:

*†C. L. Roadhouse, D. V. M., *Head of Div.*
†F. H. Abbott, B. S., *Assoc. in Dairy Indus.*
*†W. C. Cole, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
*†J. L. Henderson, Ph. D., *Instr. Dairy Indus.; Junior Dairy Technol.*
*†E. L. Jack, Ph. D., *Asst. Prof. Dairy Indus.; Asst. Dairy Technol.*
*†C. S. Mudge, Ph. D., *Prof. Dairy Indus.; Dairy Bact.*
*†C. A. Phillips, M. S., *Assoc. in Dairy Indus. and in Expt. Sta.*
*†G. A. Richardson, Ph. D., *Assoc. Prof. Dairy Indus.; Assoc. Dairy Chem.*
*E. L. Scaramella, B. S., *Assoc. in Dairy Indus.*
*†F. R. Smith, Ph. D., *Instr. Dairy Indus.; Junior Dairy Bact.*
*†N. P. Tarassuk, Ph. D., *Instr. Dairy Indus.; Junior Dairy Chem.*

Economics (Agr.):

*†Alexander Joss, Ph. D., *Instr. and Junior Agr. Econ.*

Editorial:

*†Mrs. Celeste T. Wright, Ph. D., *Asst. Editor.*

Education (Agr.):

*F. L. Griffin, M. S., *Assoc. Prof. Agr. Ed. and Supvr. Nondegree Instruction.*
*B. H. Peterson, Ph. D., *Lect. in Ed.*
*S. S. Sutherland, M. S., *Lect. in Ed. and Supvr. Teacher-Training in Agr.*

Engineering (Agr.):

*†H. B. Walker, C. E., *Head of Div.*
†A. A. Armer, M. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*†Roy Bainer, M. S., *Assoc. Prof. and Assoc. Agr. Engin.*
†C. E. Barbee, *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. L. Belton, *Assoc. in Agr. Engin.*
†L. M. K. Boelter, M. S., *Agr. Engin. (P. O., Berkeley).*

[1] Including the W. K. Kellogg Institute of Animal Husbandry.

Davis—Continued

Engineering (Agr.)—Continued.

*†F. A. Brooks, M. E., Sc. D., *Prof. Agr. Engin.; Agr. Engin.*
*†O. C. French, M. S., *Lect. and Asst. in Agr. Engin.*
*†H. S. Gordon, M. S., *Instr. and Junior Agr. Engin.*
†R. A. Kepner, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*H. D. Lewis, B. S., *Assoc. in Agr. Engin.*
†Coby Lorenzen, M. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†S. W. McBirney, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
*†B. D. Moses, B. S., *Assoc. Prof. and Assoc. Agr. Engin.*
*†L. W. Neubauer, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*†R. L. Perry, B. S., M. E., *Assoc. Prof. and Assoc. Agr. Engin.*
†J. B. Powers, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†J. R. Tavernetti, M. S., *Asst. Agr. Engin.*
†V. N. Tramontini, B. S., *Assoc. in Expt. Sta. (Agr. Engin.).*
†J. S. Winters, *Assoc. in Agr. Engin.*

Entomology and Parasitology:

*†S. F. Bailey, Ph. D., *Asst. Prof. and Asst. Ent.*
*†J. E. Eckert, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*†M. A. Stewart, Ph. D., *Assoc. Prof. and Assoc. Ent.*
†F. E. Todd, B. S., *Assoc. in Expt. Sta. (Ent.).*
*†R. L. Usinger, Ph. D., *Instr. and Junior Ent.*
†G. H. Vansell, M. S., *Assoc. in Expt. Sta. (Ent.).*

Extension Service (Agr.):

‡J. P. Fairbank, B. S., *Agr. Engin. Spec.*
‡E. F. Serr, Jr., B. S., *Deciduous Fruits Spec.*

Geology:

*†C. M. Gilbert, Ph. D., *Instr. Geol.*

Home Economics:

*Helen C. Anderson, M. S., *Assoc. in Home Econ.*
*Winifred Cochran, M. A., *Assoc. in Home Econ.*
*†Bessie B. Cook, Ph. D., *Asst. Prof. Home Econ.; Asst. Biochem.*
*Mrs. Louise S. Crowder, M. A., *Asst. Prof. Home Econ.*
*†Mrs. Margaret M. Kleiber, Ph. D., *Instr. and Junior Home Econ.*

Irrigation:

*†F. J. Veihmeyer, C. E., Ph. D., *Head of Div.*
†A. B. C. Anderson, Ph. D., *Junior Irrig. Physicist.*
†J. E. Christiansen, M. S., C. E., *Asst. Irrig. Engin.*
†L. D. Doneen, Ph. D., *Asst. Irrig. Agron.*
*†N. E. Edlefsen, Ph. D., *Assoc. Prof. Irrig.; Assoc. Irrig. Engin.*
*†C. V. Givan, Engr., *Asst. Prof. Irrig.; Asst. Irrig. Engin.*
†C. N. Johnston, B. S., *Asst. Irrig. Engin.*
†Roy Wray, *Assoc. in Expt. Sta. (Irrig.).*

Landscape Gardening and Floriculture:

*J. L. Stahl, A. B., *Assoc. in Landsc. Design.*

Davis—Continued

Mathematics and Physics:

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Davis—Continued

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*†M. L. Odland, B. S., *Instr. and Asst. in Veg. Gard.*
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*H. O. Perkins, B. S., *Instr. Landsc. Gard.*
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*‡H. A. Rollins, M. S., *Assoc. Prof. Pomol. and Ext. Fruit Spec.*
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‡A. E. Wilkinson, M. S., *Ext. Spec. in Veg. Gard. and Landsc.*

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*T. B. Avery, M. S., *Asst. Prof. Poultry Husb.*
‡R. E. Jones, *Ext. Poultryman.*
‡O. S. Trask, B. S., *Asst. Ext. Poultryman.*

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Miscellaneous:
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‡F. B. Schuler, B. S., *Asst. in Rodent Control (Coop. U. S. D. A.).*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal diseases, etc.

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†H. J. Fisher, Ph. D., *Asst. Chem.*
†W. T. Mathis, *Asst. Chem.*
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†Richard Nichols, *Sampling Agt.*
†O. L. Nolan, *Asst. Chem.*
†C. E. Shepard, *Asst. Chem.*
†Janetha Shepard, *Res. Tech.*
†T. P. Stickney, *Res. Tech.*
†D. C. Walden, B. S., *Asst. Chem.*

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†Rebecca B. Hubbell, Ph. D., *Asst. Biochem.*
†C. S. Leavenworth, Ph. B., *Asst. Biochem.*
†L. S. Nolan, *Res. Tech.*
†G. W. Pucher, Ph. D., *Assoc. Biochem.*
†A. J. Wakeman, Ph. D., *Asst. Biochem.*

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†Frances Johnson, M. S., *Seed Tester.*
†Florence A. McCormick, Ph. D., *Asst. Bot. (Path.).*
†A. D. McDonnell, *Res. Tech.*
‡E. M. Stoddard, B. S., *Assoc. Bot.*
†G. A. Zentmyer, Jr., Ph. D., *Asst. Plant Path.*

Entomology:
†R. B. Friend, Ph. D., *Ent. in charge (State Ent.).*
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†J. P. Johnson, B. S., *Deputy in charge Japanese Beetle Control (Coop. U. S. D. A.).*
†B. A. McFarland, *Res. Tech.*

Entomology—Continued.
†J. C. Schread, M. S., *Res. Tech.*
†J. F. Townsend, B. S., *Res. Tech.*
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†M. P. Zappe, B. S., *Asst. Ent. (Deputy State Ent.).*

Forestry:
†W. O. Filley, *For. in charge.*
†H. W. Hicock, M. F., *Assoc. For.*
†R. A. Olson, *Res. Tech.*
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Miscellaneous:
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†‡J. M. Amos, M. S., *Asst. Ent.*
†Donald MacCreary, M. S., *Assoc. Ent.*

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*Constance Allen, R. N., *Lect. in Home Econ.*[2]
*Henrietta Fleck, M. S., *Instr. Home Econ.*[2]
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*†‡E. P. Brasher, M. S., *Asst. Prof. and Asst. Hort.*
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†G. B. Killinger, Ph. D., *Assoc. Agron.*
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*†M. W. Emmel, M. S., D. V. M., *Prof. Vet. Sci.; Vet.*
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*†O. K. Moore, M. S., *Asst. Prof. and Asst. Poultry Husb.*

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[1] For subject matter workers see the respective division; i. e., agronomy, animal industry, etc.
[2] Courses given in the Women's College.

Animal Husbandry—Continued.

†L. E. Mull, M. S., *Asst. in Dairy Technol.*
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*W. R. Carroll, Ph. D., *Prof. Bact.*
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*G. F. Weber, Ph. D., *Prof. Plant Path.*

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‡J. Lee Smith, *Dist. Agt.*

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*J. W. Miller, Jr., B. S., *Asst. Prof. For.*
‡L. T. Nieland, *Ext. Farm For.*
*G. F. Weber, Ph. D., *Prof. For. Path.*
*R. H. Westveld, B. S., M. F., *Prof. Silviculture.*
*E. A. Ziegler, Sc. D., *Prof. For. Econ. and Finance.*

Home Economics:

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‡Clarine Belcher, M. S., *Clothing and Textiles Spec. (P. O., Tallahassee).*
‡Virginia P. Moore, *Home Improvement Spec. (P. O., Tallahassee).*
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‡Anna M. Sikes, M. S., *Ext. Nutr. (P. O., Tallahassee).*
‡Isabelle S. Thursby, *Ext. Econ. in Food Conserv. (P. O., Tallahassee).*

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†G. H. Blackmon, M. S., *Head of Sta. Dept.*
*C. E. Abbott, M. S., *Prof. Hort.*
†J. R. Beckenbach, Ph. D., *Truck Hort. (P. O., Bradenton).*
†R. D. Dickey, M. S., *Asst. Hort.*
†F. S. Jamison, Ph. D., *Truck Hort.*
†B. E. Janes, Ph. D., *Asst. Hort.*
†F. S. Lagassé, Ph. D., *Hort. (Coop. U. S. D. A.).*
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†V. F. Nettles, M. S., *Asst. Hort.*
†H. M. Sell, Ph. D., *Assoc. Hort. (Coop. U. S. D. A.).*
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*J. V. Watkins, M. S., *Asst. Prof. Hort.*
†R. J. Wilmot, M. S., *Asst. Hort.*

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†B. H. Moore, A. B., *Asst. Met. (Coop. U. S. D. A.: P. O., Lakeland).*

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†W. B. Tisdale, Ph. D., *Head of Dept.*
†Lillian E. Arnold, M. S., *Asst. Bot.*
†A. N. Brooks, Ph. D., *Plant Path. (Strawberry Invest.: P. O., Lakeland).*
‡E. F. DeBusk, B. S., *Ext. Citriculturist.*
†A. H. Eddins, Ph. D., *Plant Path. (P. O., Hastings).*
†L. O. Gratz, Ph. D., *Plant Path.*
†D. G. A. Kelbert, *Asst. Plant Path. (P. O., Bradenton).*
†K. W. Loucks, M. S., *Asst. Plant Path. (P. O., Leesburg).*
†W. B. Shippy, Ph. D., *Assoc. Plant Path. (Celery Invest.: P. O., Sanford).*

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[1] On military leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Plant Pathology—Continued.
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†G. F. Weber, Ph. D., *Plant Path.*
†Erdman West, M. S., *Mycol.*

Soils:
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†C. E. Bell, Ph. D., *Assoc. Chem.*
†R. A. Carrigan, B. S., *Asst. Chem.*
*†J. R. Henderson, M. S., *Assoc. Prof. Soils; Assoc. Chem. (Soils).*
†L. H. Rogers, Ph. D., *Assoc. Biochem.*
*†F. B. Smith, Ph. D., *Prof. Soils; Soil Microbiol.*
*†G. D. Thornton, M. S., *Asst. Prof. Soils; Asst. Microbiol.*
†H. W. Winsor, B. S., *Asst. Chem.*

Veterinary Science—See **Animal Husbandry.**

Miscellaneous:
†Mrs. Ida K. Cresap, *Libr.*
†‡Ruby Newhall, *Admin. Mgr.*
†Henry Zeigler, *Farm Supt.*

Branch Stations:
Citrus Expt. Sta., *P. O., Lake Alfred*—
A. F. Camp, Ph. D., *Hort. in charge.*
C. K. Clark, Ph. D., *Chem.*
F. F. Cowart, Ph. D., *Assoc. Hort.*
B. R. Fudge, Ph. D., *Assoc. Chem.*
V. C. Jamison, Ph. D., *Soils Chem.*
J. H. Jefferies, *Asst. in Citrus Bdg.*
W. W. Lawless, B. S., *Asst. Hort.*
W. L. Thompson, B. S., *Assoc. Ent.*
R. K. Voorhees, Ph. D., *Assoc. Plant Path.*

Branch Stations—Continued.
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F. S. Andrews,[1] Ph. D., *Assoc. Truck Hort.*
R. A. Bair, Ph. D., *Asst. Agron.*
Thomas Bregger, Ph. D., *Sugarcane Physiol.*
B. S. Clayton, B. S., C. E., *Drainage Engin. (Coop. U. S. D. A.).*
W. T. Forsee, Jr., Ph. D., *Assoc. Chem.*
R. W. Kidder, M. S., *Asst. An. Husb.*
F. D. Stevens, B. S., *Sugarcane Agron.*
G. R. Townsend, Ph. D., *Plant Path.*
J. W. Wilson, Sc. D., *Ent.*
North Fla. Expt. Sta., *P. O., Quincy*—
J. D. Warner, M. S., *Agron. in charge.*
R. R. Kincaid, Ph. D., *Assoc. Plant Path.*
Jesse Reeves, *Asst. Agron.*
R. W. Wallace, B. S., *Assoc. Agron.*
V. E. Whitehurst, Jr., B. S., *Asst. An. Husb.*
Range Cattle Expt. Sta., *P. O., Wauchula*—
W. G. Kirk, Ph. D., *An. Husb. in charge.*
Subtropical Expt. Sta., *P. O., Homestead*—
G. D. Ruehle, Ph. D., *Plant Path. in charge.*
E. M. Andersen, Ph. D., *Asst. Hort.*
S. J. Lynch, B. S., *Asst. Hort.*
West Central Fla. Expt. Sta., *P. O., Brooksville*—
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*G. W. Conoly, M. S., *Asst. Prof. Voc. Agr.*
*Mrs. Irma L. Hollins, M. S., *Dean Div. of Home Econ.*
*Katherine Jackson, B. F. A., *Applied Design.*
*E. L. King, M. S., *Assoc. Prof. Agr. Econ.*
*Mrs. Marie M. King, B. S., *Assoc. Prof. Textiles and Clothing.*
*T. T. Lewis, M. S., *Hort.*
*L. A. Marshall, M. S., *Assoc. Prof. and Teacher Trainer in Agr. Ed.*
*Dorcas R. Penn, R. N., M. A., *Supt. of Nurses.*
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‡Mrs. Beulah S. Shute, B. S., *Home Dem. Agt.*
‡Mrs. Pearl J. Singleton, B. S., *Itinerant Teacher Trainer in Home Econ. Ed.*
*Mercia M. Tucker, M. A., *Foods and Nutr.*
‡A. A. Turner, *State Dem. Agt.*
*Maud L. Watkins, B. S., *Actg. Libr.*
*R. T. Waymer, M. A., *Agr. Engin. and Poultry.*
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*Paul W. Chapman, M. S., D. Sc., *Dean Coll. of Agr.*
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Agronomy:
*W. O. Collins, B. S., *Prof. Soils and Head of Dept.*
‡E. D. Alexander, M. S., *Ext. Agron.*
‡R. R. Childs, M. S., *Ext Agron., Cotton Improvement (Coop. U. S. D. A.).*
*D. L. Floyd, B. S., *Agr. Stat. (Coop. U. S. D. A.).*
*W. H. Garman, Ph. D., *Assoc. Prof. Agron.*

Agronomy—Continued.
*Edwin James, M. S., *Asst. Prof. Agron.*
‡J. M. Jordan, B. S., *Ext. Soil Conserv.*
*Archie Langley, B. S., *Assoc. Agr. Stat. (Coop. U. S. D. A.).*
*C. C. Murray, M. S., *Assoc. Prof. Agron.*
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Agronomy—Continued.

‡E. C. Westbrook, M. S., *Cotton and Tobacco Spec.*

Animal Husbandry:

*M. P. Jarnagin, M. Agr., Sc. D., *Prof. and Head of Dept.*
*M. L. Buchanan, M. S., *Assoc. Prof. An. Husb.*
‡F. W. Fitch, B. S., *Ext. Dairyman.*
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‡W. E. Pace, Jr., B. S., *Swine Spec.* (*P. O., Tifton*).
‡W. S. Rice, M. S., *Beef Cattle and Sheep Spec.*

Chemistry (Agr.):

*L. M. Carter, B. S., *Prof. Agr. Chem.*
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Economics (Agr.) and Rural Sociology:

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‡L. E. Farmer, B. S., *Mktg. Spec.*
‡C. G. Garner, B. S., *Ext. Econ., Mktg.*
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‡H. J. France, *Asst. Project Leader, Land Use Planning.*
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‡Kenneth Treanor, B. S., *Ext. Econ., Farm Mgt.*
*W. P. Young, Ph. D., *Assoc. Prof. Agr. Econ. and Rural Sociol.*

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‡Laura E. Blackshear, *Illustrator.*
‡J. P. Nicholson, B. S., *Assoc. Editor.*
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*J. C. Lane, B. S., *Asst. Prof. Voc. Ed.* (*P. O., Winterville*).
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*J. W. Simons, M. S., *Asst. Agr. Engin.* (*Coop. U. S. D. A.*).

Extension (Admin.): [1]

‡W. S. Brown, B. S., *Dir.*
‡L. I. Skinner, B. S., *Asst. Dir.*
‡J. A. Johnson, M. S., *Admin. Asst.*
‡Lurline Collier, B. S., *State Home Dem. Agt.*
‡W. A. Sutton, Jr., B. S., *State Leader 4–H Clubs.*
‡L. W. Eberhardt, Jr., B. S., *Asst. State Leader 4–H Clubs* (*P. O., Tifton*).
‡Emmie Nelson, B. S., *Asst. State Leader 4–H Clubs.*
‡Mrs. Margaret M. Brand, B. S., *Dist. Agt.* (*P. O., Tifton*).
‡S. G. Chandler, B. S., *Asst. Dist. Agt.*
‡Alice Drake, B. S., *Dist. Agt.*
‡Lula Edwards, B. S., *Dist. Agt.*
‡L. R. Lanier, B. S., *Dist. Agt.*
‡Rosa D. McGee, B. S., *Dist. Agt.* (*P. O., Tifton*).
‡T. L. McMullan, B. S., *Dist. Agt.*
‡L. S. Watson, B. S., *Dist. Agt.*
‡L. C. Westbrook, B. S., *Dist. Agt.*

Forestry:

*D. J. Weddell, B. S. F., M. S., *Prof. and Dean of School.*
*G. N. Bishop, M. S. F., *Asst. Prof. For.*
‡H. C. Carruth, B. S. F., *Ext. For.*
*B. F. Grant, M. S. F., *Prof. For.*
*A. D. McKellar, M. S. F., *Asst. Prof. For.*
*A. E. Patterson, M. S., *Asst. Prof. For.*
‡A. R. Shirley, B. S. F., *Coop. Agt. Naval Stores* (*P. O., Tifton*).

Home Economics:

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‡Reba A. Adams, B. S., *Home Indus. Spec.*
*Mrs. Leland R. Alexander, M. S., *Assoc. Prof. Institutional Mgt., in charge Cafeteria.*
‡Leonora Anderson, B. S., *Clothing Spec.*
*Alice Beall, M. S., *Assoc. Prof. Home Econ. Ed.*
*Mrs. Margaret H. Blair, A. M., *Asst. Prof. Home Econ.*
*Matilda Callaway, M. A., *Assoc. Prof. Home Econ.*
‡Willie V. Dowdy, B. S., *Ext. Econ.* (*Home Improvement*).
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*Mrs. Maude P. Hood, M. S., *Asst. Prof. Home Econ.*
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‡Katherine Lanier, B. S., *Food Preservation and Utilization Spec.*
*Mary E. Lyons, Ph. D., *Assoc. Prof. Foods and Nutr.*
‡Susan Matthews, M. A., *Ext. Nutr.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*Quinelle McRae, M. S., *Instr. Home Econ.*
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*Catherine L. Newton, M. A., *Assoc. Prof. Home Econ.*
*Lillian Schmidt, M. S., *Assoc. Prof. Home Econ. Ed.*
*Louise Stakely, M. S., *Instr. Home Econ.*
*A. Elizabeth Todd, M. A., *Prof. Home Econ. Ed.*
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Horticulture:

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*M. C. Davis, M. S., *Asst. Prof. Hort.*
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Horticulture—Continued.

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Plant Pathology and Plant Breeding:

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*Mary G. Burton, M. A., *Assoc. in Plant Path.*
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†J. G. Futral, B. S., *Asst. Agron.*
†U. R. Gore, Ph. D., *Assoc. Agron.*
†L. H. Jones, *Agron. Foreman.*
†E. D. Mathews, Ph. D., *Assoc. Agron.*
†L. C. Olson, Ph. D., *Assoc. Agron.*
†O. E. Sell, Ph. D., *Assoc. Agron.*
†L. N. Skold, M. S., *Asst. Agron.*
†A. L. Smith, Ph. D., *Assoc. Agron.* (*Coop. U. S. D. A.*).
†S. V. Stacy, M. S., *Assoc. Agron.*

Animal Industry:

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†Z. A. Massey, B. S., *An. Husb.*

Botany:

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†W. K. Bailey, M. S., *Agt.* (*Coop. U. S. D. A.*).
†K. H. Garren, Ph. D., *Assoc. Bot.*
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Chemistry:

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Economics (Agr.):

†W. T. Fullilove, B. S., *Agr. Econ.* (*Coop. U. S. D. A.*).
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†W. Z. Martin, *Hort. Foreman.*
†M. M. Murphy, Jr., *Chem. Engin.*
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Substations:

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†Fred Bell, *Farm Supt.*
†G. W. Burton, Ph. D., *Geneticist* (*Coop. U. S. D. A.*).
†J. M. Carr, B. S., *Tobacco Spec.* (*Coop. U. S. D. A.*).
†W. T. Clary, *Supt. Branch Sta., P. O., Darien.*
†A. L. Crittenden, Jr., B. S., *Asst. Hort.*
†J. G. Gaines, M. S., *Tobacco Path.* (*Coop. U. S. D. A.*).
†H. S. Garrison, B. S., *Cereal Crop Spec.* (*Coop. U. S. D. A.*).

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†P. M. Gilmer, Ph. D., *Assoc. Ent. (Coop. U. S. D. A.).*
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†J. L. LaPrade, M. S., *Tobacco Spec. Shade Tobacco Branch Sta., P. O., Attapulgus.*
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‡Alexander Hurse, B. S., *State Club Agt.*
*Howard Jackson, *Laundering.*
‡Mrs. Mary H. Jones, *Home Dem. Agt.*
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*Raymond Elliott, *Lect. in Sugar Technol.*
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‡Y. B. Goto, B. S., *Asst. in Agr. Ext.*
‡Mrs. Alice P. Trimble, B. S., *Asst. in Home Econ. and Home Mgt. Spec.*

Forestry:
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Home Economics:
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†Mrs. Toyo T. Kimura, B. S., *Asst. in Nutr.*
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†Lucille Louis, B. S., *Assoc. in Nutr.*
*Mrs. Nora W. Mark, B. S., *Instr. Home Econ.*
*Carol Mitchelson, M. S., *Asst. in Home Econ.*
‡Hedwig S. Otremba, B. S., *Spec. in Clothing.*
*†Martha Potgieter [2], Ph. D., *Assoc. Prof. and Assoc. Nutr.*
*Martha Swoyer, M. S., *Instr. Home Econ.*
*Marian Weaver, M. S., *Instr. Home Econ.*
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Horticulture:
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*†W. A. Frazier, Ph. D., *Assoc. Prof. and Assoc. Hort.*
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Horticulture—Continued.
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†Sam Tachibana, *Asst. in Hort.*
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Physics:
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*†C. W. Mullen, M. S., *Assoc. Prof. Agron., Asst. to Dean of Agr.; Asst. to Sta. Dir.*
*†H. E. Myers, Ph. D., *Assoc. Prof. Agron.; Soils.*
†Elva L. Norris, Ph. D., *Seed Analyst.*
†C. R. Porter, B. S., *Asst. in charge South Central Expt. Fields (P. O., Kingman).*
*†L. P. Reitz, M. S., *Assoc. Prof. and Assoc. in Crop Improvement.*
*†R. F. Sloan, M. S., *Asst. in Pasture Mgt.*
‡L. E. Willoughby, B. S., *Ext. Assoc. Prof. Farm Crops.*
*†J. W. Zahnley, M. S., *Assoc. Prof. Agron.; Farm Crops, Dir. Seed Lab.*

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*†C. E. Aubel, Ph. D., *Prof. An Husb.; Swine Invest.*
*F. W. Bell, B. S., *Prof. An. Husb. in charge Advanced Judging.*
*†R. B. Cathcart, M. S., *Asst. Prof. An. Husb.; An. Husb. Invest.*
*†R. F. Cox, M. S., *Assoc. Prof. An. Husb.; Sheep Invest.*
‡C. G. Elling, B. S., *Ext. Assoc. Prof. An. Husb.*
*†H. L. Ibsen, Ph. D., *Prof. An. Husb.; Geneticist.*
*†D. L. Mackintosh, M. S., *Assoc. Prof. An. Husb.; Meat Invest.*
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Bacteriology:

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*†V. D. Foltz, M. S., *Assoc. Prof. Bact.; Food Bact.*
*†P. L. Gainey, Ph. D., *Prof. Bact.; Soil Bact.*
*T. H. Lord, Ph. D., *Instr. Bact.*
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*†F. C. Gates, Ph. D., *Prof. Plant Taxonomy and Ecol.; Taxonomy.*
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Chemistry:

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*A. C. Andrews, Ph. D., *Asst. Prof. Chem.*
*†H. N. Barham, Ph. D., *Assoc. Prof. Chem.; Asst. in Indus. Utilization of Farm Products.*
†B. W. Beadle, M. S., *Asst. Chem.*
*H. W. Brubaker, Ph. D., *Prof. Chem.*
*C. W. Colver, Ph. D., *Prof. Org. Chem.*
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*C. A. Dorf, M. S., *Instr. Chem.*
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*Stella M. Harriss, M. S., *Asst. Prof. Chem.*
*M. E. Lash, Ph. D., *Assoc. Prof. Chem.*
*H. W. Marlow, Ph. D., *Asst. Prof. Chem.*
†J. F. Merrill, B. S., *Asst. Chem.*
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Chemistry—Continued.
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*J. H. Shenk, Ph. D., *Asst. Prof. Chem.*
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*†B. L. Smith, Ph. D., *Asst. Prof. Chem.; Assoc. Food Chem.*
*W. A. Van Winkle, Ph. D., *Assoc. Prof. Chem.*
*†C. H. Whitnah, Ph. D., *Asst. Prof. Chem. and Assoc. Food Analyst; Dairy Chem.*

Chemical Engineering:
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*†J. W. Greene, Ph. D., *Assoc. Prof. Chem. Engin.; in charge Indus. Utilization of Farm Products.*
*†H. W. Zabel, M. S., *Instr. and Res. in Chem. Engin.*

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*†H. E. Bechtel, Ph. D., *Assoc. Prof. Dairy Husb.; Dairy Prod.*
*†G. H. Beck, M. S., *Instr. Dairy Husb.; Asst. in Dairy Prod.*
*†W. J. Caulfield, M. S., *Assoc. Prof. Dairy Husb.; Asst. in Dairy Mfrs.*
‡L. O. Gilmore, Ph. D., *Ext. Assoc. Prof. Dairy Husb.*
‡J. W. Linn, B. S., *Ext. Assoc. Prof. Dairy Husb.*
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‡Gerald Brown, B. S., *Ext. Instr. Agr. Econ. (P. O., Hutchinson).*
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‡J. H. Coolidge, M. S., *Ext. Asst. Prof. Agr. Econ.*
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‡P. W. Griffith, B. S., *Ext. Instr. Agr. Econ. (P. O., Clay Center).*
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*L. F. Hall, M. S., *Assoc. Prof. Voc. Ed.*
*C. V. Williams, Ph. D., *Prof. Voc. Ed.*

Engineering (Agr.):
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‡E. D. Warner, B. S., *Ext. Instr. Arch.*

Entomology:
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‡O. B. Glover, B. S., *Dist. Supvr.*
‡L. F. Neff, B. S., *Dist. Supvr.*
‡E. H. Teagarden, B. S., *Dist. Agt.*
‡A. F. Turner, B. S., *Field Agt.*
‡Georgiana H. Smurthwaite, M. S., *State Home Dem. Leader.*
‡Ellen M. Batchelor, B. S., *Dist. Home Dem. Agt.*
‡Ella M. Meyer, *Dist. Home Dem. Agt.*
‡Mrs. Laura I. Winter, *Dist. Home Dem. Agt.*
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[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡Mary G. Fletcher, M. S., *Ext. Asst. Prof. Foods and Nutr.*
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*Raymona M. Hilton, B. S., *Instr. Institutional Mgt.*
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*Mrs. Mary E. Holland, M. A., *Instr. Art.*
*Hazel D. Howe, M. S., *Instr. Clothing and Textiles.*
*Ella Johnson, M. A., *Instr. Home Econ. Ed.*
*Juanita Kahler, B. S., *Asst. in Institutional Mgt.*
*Rosamond Kedzie, M. A., *Asst. Prof. Art.*
*Mrs. Leone B. Kell, M. S., *Assoc. Prof. Child Welfare and Euthenics.*
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Home Economics—Continued.

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*Merna B. Miller, M. S., *Instr. Institutional Mgt.*
*Maria Morris, M. S., *Assoc. Prof. Art.*
*Iva M. Mullen, M. S., *Instr. Food Econ. and Nutr.*
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Horticulture:

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‡Linus Burton, B. S., *Ext. Instr. Landsc. Gard.*
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*†S. W. Decker, M. S., *Assoc. Prof. Hort.; in charge Flor. and Veg. Gard.*
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*†L. R. Quinlan, B. S., M. L. A., *Prof. Hort.; in charge Landsc. Gard.*
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Illustrations:

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Journalism:

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*†P. L. Dittemore, B. S., *Instr. Indus. Journalism; Asst. Editor.*
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Milling Industry—Continued.
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Fort Hays, *P. O., Hays*—
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J. C. Crupper, Jr., B. S., *For. Nurseryman.*
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[1] On military leave.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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*O. W. Rosewall, Ph. D., *Prof. Ent.*
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Miscellaneous:

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*J. A. McMillen, A. B., B. L. S., *Libr.*
‡Mrs. Hortense S. McMullan, B. S., *Libr.*

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W. F. Wilson, Jr., M. S., *Supt.*
North La. Sta., *P. O., Calhoun*—
D. M. Johns, M. S., *Supt.*
P. L. Hawthorne, B. S., *Asst. Hort.*
Northeast La. Sta., *P. O., St. Joseph*—
C. B. Haddon, B. S., *Supt.*
J. A. Hendrix, M. S., *Asst. Agron.*
Rice Sta., *P. O., Crowley*—
J. M. Jenkins, B. S., *Supt.* (*Coop. U. S. D. A.*).
W. A. Douglas, M. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
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*C. W. L. Chapman, M. S., *Asst. Prof. For.*
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Plant Pathology:

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†Reiner Bonde, Ph. D., *Assoc. Plant Path.*
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Short Courses:

*F. P. Loring, M. S., *Director.*

Experiment Station Farms:

Aroostook Farm, *P. O., Presque Isle*—S. O. Hanson, *Supt.*
Highmoor Farm, *P. O., Monmouth*—O. J. Colby, B. S., *Supt.*

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[1] See also Entomology.
[2] For subject-matter workers see the respective division; i. e., agronomy and engineering (agr.), animal industry, etc.

MARYLAND

Colleges of Agriculture and Home Economics, Agricultural Experiment Station, and the Extension Service of the University of Maryland, *College Park*

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*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*
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Dairy Husbandry:
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[1] On leave.

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[1] For subject-matter workers see the respective division; i. e., agronomy and plant genetics, animal and poultry husbandry etc.

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- †D. W. McIlwain, *Foreman of Farm.*
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- ‡P. F. Newell, M. S., *Ext. An. Husb.*

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- *J. F. Locke, Ph. D., *Assoc. Prof. Bot.*
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*C. Q. Sheely, Ph. D., *Assoc. Prof. Chem.*
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[1] On leave.
[2] On military leave.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] On leave.
[2] On military leave.
[3] Persons employed in both college and station are given only the academic title.

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[1] For subject-matter workers see the respective division; i. e., animal husbandary, botany, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry and range management, etc.
[2] On leave.
[3] In cooperation with the U. S. Department of Agriculture.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*H. B. Sprague, Ph. D., *Prof. Agron.*
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*E. R. Biel, Ph. D., *Met.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] Courses given in School of Arts and Science.
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William Allsbrook, *Foreman.*
J. P. Young, B. S., *Asst. in Tobacco Invest.* (*Coop. U. S. D. A.*).
Soils Research Lab., *P. O., Wilmington*—
L. G. Willis, M. S., *Dir.*
G. A. Herring, Jr., *Asst.*
W. L. Nelson, Ph. D., *Assoc. in Soils.*

[1] Under the State department of agriculture and the agricultural experiment station.

The Negro Agricultural and Technical College, *Greensboro*

*Agricultural faculty. ‡Extension staff.

*F. D. Bluford, D. Ped., *President.*
*J. C. McLaughlin, M. S., *Dean Dept. of Agr. Prof. Agr. Econ. and Agron.*

*Margaret W. Bolden, M. A., *Asst. Prof. Home Econ.*
*Carolyn E. Crawford, M. S., *Asst. Prof. Home Econ.*
*C. R. A. Cunningham, M. S., *Assoc. Prof. Biol. and An. Husb.*
C. E. Dean, M. S., *Assoc. Prof. Econ. and Agr. Ed.*
*B. F. Garrett, M. S., *Asst. Prof. Poultry Husb.*
*H. J. Green, M. S., *Assoc. Prof. Agr. Chem.*
‡J. W. Jeffries, *Dist. Farm Dem. Agt.*
*W. T. Johnson, B. S., *Instr. Rural Engin.*
‡R. E. Jones, M. S., *Spec. in Club Work.*
*W. L. Kennedy, Ph. D., *Prof. Dairy Husb. and Zool.*
‡Wilhelmina R. Laws, B. S., *Spec. in Home Dem. Work.*
‡Mrs. Dazelle F. Lowe, B. S., *State Dir. Home Dem. Agts.*
‡J. W. Mitchell, M. A., *State Dir. Farm Agts.*
*Alma I. Morrow, B. S. in L. S., *Libr.*
*J. G. Porter, B. S., *Instr. Agron.*
*J. S. Reid, B. S., *Instr. Hort.*
*S. B. Simmons, B. S., *Dir. Vov. Agr.*

NORTH DAKOTA

North Dakota Agricultural College and the Agricultural Experiment Station, *State College Station, Fargo* **(freight and express address,** *Fargo*)

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*F. L. Eversull, Ph. D., D. D., *President.*
*†H. L. Walster, Ph. D., *Dean School of Agr., Dir. of Sta.*
‡E. J. Haslerud, B. S., *Dir. of Agr. Ext.*
*†J. R. Dice, A. M., *Asst. to Dean and Dir.*
*F. F. Skinner, *Secy.-Treas.*

Agronomy:

†T. E. Stoa, M. S., *Chair. of Dept.*
*O. O. Churchill, Ph. D., *Prof. Agron.* (*Farm Crops*).
†C. L. Englehorn, M. S., *Assoc. Soil Sci.* (*Coop. U. S. D. A.*).
‡G. N. Geiszler, M. S., *Ext. Soil Conserv.*
*†W. M. Johnson, M. S., *Asst. Prof. Soils; Soil Sci.*
‡W. J. Leary, B. S., *Ext. Agron.*
†G. S. Smith, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
†C. M. Swallers, B. S., *Asst. in Agron. and Supt. of Plot Mgt.*
†L. R. Waldron, Ph. D., *Assoc. Agron.* (*Plant Brdg.*).
†William Wiidakas, M. S., *Asst. Agron.* (*Plant Brdg.*).

ANIMAL INDUSTRY:

*†J. H. Longwell, Ph. D., *Chief of Div.*

Animal Husbandry:

*†J. H. Longwell, Ph. D., *Prof. and Chair. of Dept.*
*†M. H. McDonald, B. S., *Asst. Prof. and Asst. An. Husb.*
‡H. B. McLachlin, B. S., *Ext. An. Husb.*
*†A. S. Severson, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*Hogs*).

Animal and Human Nutrition:

*†F. W. Christensen, M. S., *Prof. and Chair. of Dept.*
†P. E. Johnson, Ph. D., *Asst. An. Nutr.*
†Mrs. Darline M. Knowles, M. S., *Human Nutr.*

Dairy Husbandry:

*†J. R. Dice, A. M., *Prof. and Chair. of Dept.*
*†Chris Jensen, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡D. L. Murray, M. S., *Ext. Dairyman*
†A. L. Watt, *Supt. Mandan Dairy Sta.* (*Coop. U. S. D. A.*).

ANIMAL INDUSTRY—Continued.

Poultry Husbandry:

*‡O. A. Barton, B. S., *Prof. and Asst. Ext. Poultry Husb.*
*†G. P. Goodearl, B. S., *Asst. Prof. and Res. Asst. in Poultry Husb.*

Veterinary Science:

*†F. M. Bolin,[1] D. V. M., *Assoc. Prof. and Chair. of Dept.*
*†J. O. Foss, D. V. M., *Asst. Prof. and Asst. Vet., Actg. Chair of Dept.*

Bacteriology:

*†C. I. Nelson, Ph. D., *Prof. and Chair. of Dept.*
*†R. S. Hutton, M. S., *Instr. and Asst. Bact.*
*M. L. McCain, B. S., *Instr. Bact.*

Botany and Plant Pathology:

*†E. A. Helgeson, Ph. D., *Prof. and Chair. Dept. of Bot.*
†H. L. Bolley, M. S., Sc. D., D. Agr., *Bot.* (*Flax Invest.*).
†W. E. Brentzel, M. A., *Plant Path.*
†H. H. Flor, Ph. D., *Plant Path* (*Coop. U. S. D. A.*).
†G. C. Mayoue, M. S., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
*†O. A. Stevens, M. S., *Assoc. Prof. and Asst. Bot.*
†W. C. Whitman, Ph. D., *Asst. Bot. in Grassland Res.*

Cereal Technology:

†R. H. Harris, Ph. D., *Chair. of Dept.*
†L. D. Sibbitt, *Asst. Cereal Technol.*

Chemistry (Agr.):

†E. P. Painter, Ph. D., *Chair. of Dept.*
†F. C. McIntire, Ph. D., *Asst. Agr. Chem.*
†L. L. Nesbitt, B. S., *Asst. Agr. Chem.*

Economics (Agr.):

*†C. E. Miller, M. S., *Prof. and Chair. of Dept.*
‡H. G. Anderson, M. S., *Ext. Econ.*

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Economics (Agr.)—Continued.

‡A. W. Barker, A. B., *Ext. Asst. in Land Use.*
*†C. F. Bortfeld, M. A., *Asst. Prof. and Asst. Agr. Econ.*
*†W. L. Ettesvold M. S., *Asst. Prof. and Asst. Agr. Econ.*
‡P. V. Hemphill, M. S., *Ext. Agt. in Mktg.*
‡H. W. Herbison, M. S., *Ext. Leader in Land Use.*
‡W. J. Lawrence, A. B., *Ext. Asst. in Land Use.*
‡J. C. Russell, *Ext. Asst. in Land Use.*
†M. H. Taylor, M. S., *Asst. Agr. Econ.*

Editorial and Publicity:

*†‡W. C. Palmer, M. S., *Chair. Dept. of Information; Agr. Editor.*
‡R. E. Burris, B. S., *Ext. Information Agt.*
‡T. W. Gildersleeve, B. S., *Ext. Editor.*
*†G. L. Seaman, B. S., *Instr. Journalism; Asst. Editor.*

Education (Agr.):

*E. L. De Alton, M. S., *Prof. and Chair. of Dept., State Supvr. Voc. Agr. Ed.*
*J. H. Erickson, B. S., *Instr. Agr. Ed.*
*S. D. Owen, M. S., *Asst. Prof. Agr. Ed.*
*T. W. Thordarson, M. S., *Dir. Corresp. and Coll. Ext. Courses.*

Engineering (Agr.):

*†W. J. Promersberger, M. S., *Asst. Prof. and Chair. of Dept.*
†T. E. Long, B. S., *Asst. Agr. Engin.*
‡A. H. Schulz, B. S., *Ext. Agr. Engin.*
*H. E. White, M. S., *Instr. Agr. Engin.*

Entomology (Agr.):

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‡F. G. Butcher, Ph. D., *Ext. Ent. and Plant Path.*
†H. S. Telford, Ph. D., *Asst. Ent.*
*†Clifford Wester, M. S., *Instr. and Asst. in Agr. Ent.*

Extension (Admin.): [2]

‡E. J. Haslerud, B. S., *Dir.*
‡N. D. Gorman, B. S., *County Agt. Leader.*
‡Grace E. DeLong, B. A., *State Home Dem. Leader.*
‡H. E. Rilling, M. S., *State 4-H Club Leader.*
‡G. E. Strum, B. S., *State 4-H Club Agt.*
‡Margaret A. Latimer, B. S., *Asst. State Club Leader.*
‡E. G. Parizek, *Secy. and Asst. County Agt. Leader.*
‡Ruth L. Shepard, B. A., *State 4-H Club Agt.*
‡Pauline M. Reynolds, B. A., *Ext. Agt. for Rural Youth.*
‡B. J. Berntson, B. S., *Dist Supvr.*
‡H. J. Brush, B. S., *Dist. Supvr.*
‡A. M. Challey, B. S., *Dist. Supvr.*
‡L. A. Jensen, B. S., *Dist. Supvr.*

Home Economics:

*Alba Bales, M. A., *Dean of School and Chair. Dept. of Household Mgt. and Child Training.*
*Minnie A. Anderson, M. A., *Prof. Home Econ. and Chair. Dept. of Clothing and Textiles.*
*Lucille M. Horton, M. S., *Prof. Home Econ. and Chair. Dept. of Home Econ. Ed.*
*Elvira T. Smith, M. A., *Prof. and Chair. Dept. of Foods and Nutr.*
‡Julia E. Brekke, M. A., *Ext. Agt. in Clothing.*
*Shirley A. Briggs, M. A., *Instr. Art.*
*Ann M. Brown, M. A., *Assoc. Prof. Art.*
‡Ruth M. Dawson, M. A., *Ext. Agt. in Foods and Nutr.*
‡Mrs. Florence P. Day, M. S., *Ext. Agt. in Home Mgt.*
*Marie M. Dirks, M. S., *Asst. Teacher Trainer.*
‡Amy E. Erickson, B. S., *Ext. Agt. in Foods and Nutr.*
*H. Christine Finlayson, A. M., *Asst. Prof. Home Econ. and State Supvr. Homemaking Ed.*
*Mildred Hawkins, M. S., *Instr. Clothing and Textiles.*
*Geneva Johnson, M. S., *Instr. Home Mgt.*
*Constance Leeby, M. A., *Assoc. Prof. Home Econ. (Foods).*
‡Mrs. Grace B. Martin, M. S., *Ext. Agt. in Home Mgt.*
*Clarysse Ness, B. S., *Itinerant Adult Instr. Homemaking Ed.*
‡Edith C. Stevens, M. S., *Ext. Agt. in Clothing.*

Horticulture and Forestry:

*†Harold Mattson, B. S., *Assoc. Prof. and Chair. of Dept.*
*C. B. Waldron, B. S., D. Agr., *Prof. Landsc. Gard. and For.*
‡H. A. Graves, B. S., *Ext. Hort.*
*†Ole Grottodden, B. S., *Instr. and Asst. in Hort. and For.*
‡J. S. Thompson, B. S., *Ext. For.*

Sociology (Rural):

‡A. G. Arvold, B. A., *Ext. Leader in Neighborhood Activities.*
†J. P. Greenlaw, M. S., *Actg. Chair. and Asst. Rural Sociol.*

Miscellaneous:

*Mrs. Ethel McVeety, *Libr.*

Substations:

Dickinson—
Leroy Moomaw, B. S., *Supt.* (*Coop. U. S. D. A.*).
R. W. Smith, M. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
Edgeley—O. A. Thompson, B. S., *Supt.*
Hettinger—N. J. Sanders, *Caretaker.*
Langdon—Victor Sturlaugson, *Supt.*
Williston—William Huber, *Supt.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

OHIO

The Colleges of Agriculture and Veterinary Medicine of Ohio State University, *Columbus*

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*John F. Cunningham, M. S., *Dean Coll. of Agr.*
‡H. C. Ramsower, Ed. D., *Dir. of Agr. Ext.*
*O. V. Brumley, V. S., D. V. M., *Dean Coll. of Vet. Med.*
*C. S. Hutchison, M. A., *Junior Dean Coll. of Agr.*
*T. G. Watson, M. S., *Secy. Coll. of Agr.*

Agronomy:

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*‡J. B. Park, D. Sc., *Prof. Agron.*[1]
*H. W. Batchelor, Ph. D., *Asst. Prof. Agron.*[1]
‡D. F. Beard, B. S., *Ext. Agron.*
*G. W. Conrey, Ph. D., *Prof. Agron.*[1]
‡D. R. Dodd, Ph. D., *Ext. Agron.*[1]
‡Earl Jones, M. S., *Ext. Agron.*
*C. A. Lamb, Ph. D., *Asst. Prof. Agron.*[1]
*G. M. McClure, M. S., *Asst. Prof. Agron.*[1]
*R. O. Parks, Ph. D., *Instr. Soils.*[1]
‡E. P. Reed, M. S., *Soil Conserv.*
*‡F. J. Salter, Ph. D., *Asst. Prof. Agron.*
*B. T. Shaw, Ph. D., *Asst. Prof. Agron.*[1]
‡J. A. Slipher, B. S., *Ext. Agron.*
*C. J. Willard, Ph. D., *Prof. Agron.*[1]

Animal Husbandry:

*D. J. Kays, B. S., *Chair. of Dept.*
*S. M. Salisbury, B. S., *Prof. An. Husb., in charge Dairy Prod.*
‡L. K. Bear, B. S., *An. Husb. Spec.*
‡C. L. Blackman, M. S., *An. Husb. Spec.*
*J. S. Coffey, B. S., *Prof. An. Husb.*
‡Howard Davison, B. S., *Swine Spec.*
*Oscar Erf, B. S., *Prof. Dairying, in charge Official Testing.*
*C. W. Gay, D. V. M., B. S., *Prof. An. Husb.*[1]
*L. E. Kunkle, M. S., *Asst. Prof. An. Husb.*[1]
‡L. P. McCann, M. S., *An. Husb. Spec.*
‡Ivan McKellip, M. S., *An. Husb. Spec.*
*T. S. Sutton, Ph. D., *Assoc. Prof. An. Husb.*[1]

Botany:

*E. N. Transeau, Ph. D., *Chair. of Dept.*
‡C. C. Allison, Ph. D., *Ext. Plant Path.*
*G. W. Blaydes, Ph. D., *Assoc. Prof. Bot.*
*Robert Findlay, *Asst. in Bot.*
*S. S. Humphrey, M. S., *Instr. Bot.*
*C. H. Jones, M. S., *Instr. Bot. and Curator of Herbarium.*
*Lois Lampe, Ph. D., *Asst. Prof. Bot.*
*B. S. Meyer, Ph. D., *Prof. Bot.*
*A. L. Pierstorff, Ph. D., *Assoc. Prof. Bot.*
*R. A. Popham, Ph. D., *Instr. Bot.*
*H. C. Sampson, Ph. D., *Prof. Bot.*
*H. T. Scofield, Ph. D., *Asst. Prof. Bot.*
*W. G. Stover, Ph. D., *Prof. Bot.*
*C. A. Swanson, M. S., *Instr. Bot.*
*C. E. Taft, Ph. D., *Asst. Prof. Bot.*
*A. E. Waller, Ph. D., *Assoc. Prof. Bot.*
*R. T. Wareham, Ph. D., *Instr. Bot.*
*J. N. Wolfe, Ph. D., *Instr. Bot.*

Chemistry (Agr.):

*J. F. Lyman, Ph. D., *Chair. of Dept.*
*E. F. Almy, Ph. D., *Prof. Agr. Chem.*
*R. C. Burrell, Ph. D., *Prof. Agr. Chem.*

Dairy Technology:

*R. B. Stoltz, B. S., *Chair. of Dept.*
*L. H. Burgwald, M. S., *Assoc. Prof. Dairy Technol.*[1]

Dairy Technology—Continued.

*J. H. Erb, M. S., *Asst. Prof. Dairy Technol.*
*W. L. Slatter, M. S., *Instr. Dairy Technol.*

Economics and Sociology (Rural):

*J. I. Falconer, Ph. D., *Chair. of Dept.*[1]
‡L. H. Barnes, B. S., *Spec. in Farm Mgt.*
‡F. S. DeLashmutt, B. S., *Spec. in Farm Mgt.*
*P. S. Eckert, Ph. D., *Asst. Prof. Rural Econ.*
‡C. W. Hammans, M. S., *Mktg. Spec.*
*C. W. Hauck,[2] Ph. D., *Prof. Rural Econ.*[1]
*G. F. Henning, Ph. D., *Prof. Rural Econ.*[1]
*A. R. Mangus, Ph. D., *Prof. Rural Sociol.*[1]
*C. G. McBride, Ph. D., *Prof. Rural Econ.*[1]
‡G. W. Miller, M. S., *Spec. in Farm Mgt.*
*F. L. Morison, M. S., *Asst. Prof. Rural Econ.*[1]
*R. W. Sherman, M. S., *Instr. Rural Econ.*[1]
*J. H. Sitterley, M. S., *Asst. Prof. Rural Econ.*
‡R. B. Tom, *Spec. in Rural Sociol.*
‡H. H. Varney, B. S., *Dairy Mktg. Spec.*
‡B. A. Wallace, M. A., *Mktg. Spec.*
*‡V. R. Wertz, Ph. D., *Prof. Rural Econ.*

Editorial—See **Journalism.**

Education (Agr.):

*W. F. Stewart, Ph. D., *Chair. of Dept.*
*R. E. Bender, B. S., *Instr. Agr. Ed.* (*P. O., Canal Winchester*).
*E. O. Bolender, M. S., *Asst. Prof. Agr. Ed.*
*C. H. Clary, B. S., *Instr. Agr. Ed.* (*P. O., West Jefferson*).
*Ray Fife, Ph. D., *Prof. Agr. Ed.*
*H. G. Kenestrick, Ph. D., *Assoc. Prof. Agr. Ed.*
*Howard McClarren, M. A., *Asst. Prof. Agr. Ed.* (*P. O., Westerville*).
*C. E. Rhoad, M. S., *Instr. Agr. Ed.*
*W. E. Stuckey, B. S., *Instr. Agr. Ed.* (*P. O., Summit Station*).
*W. H. Wolf, B. S., *Instr. Agr. Ed.* (*P. O., Westerville*).

Engineering (Agr.):

*G. W. McCuen, B. S., *Chair. of Dept.*[1]
‡R. D. Barden, M. S., *Agr. Engin. Spec.*
‡I. P. Blauser, B. S., *Agr. Engin. Spec.*
*W. A. Junnila, M. S., *Instr. Agr. Engin.*[1]
*A. C. Kennedy, M. S., *Asst. Prof. Agr. Engin.*
*R. C. Miller, B. S., *Prof. Agr. Engin.*[1]
*‡V. L. Overholt, B. S., *Prof. and Agr. Engin. Spec.*
*C. B. Richey, B. S. M. E., *Asst. Prof. Agr. Engin.*[1]
‡G. R. Shier, B. S., *Agr. Engin. Spec.*[1]

[1] See also experiment station staff.
[2] On leave.

Entomology—See **Zoology.**

Extension (Admin): [1]

‡H. C. Ramsower, Ed. D., *Dir.*
‡G. B. Crane, M. S., *Asst. Dir. and Secy.*
‡Minnie Price, A. M., *State Home Dem. Leader.*
‡W. H. Palmer, M. S., *State Club Leader.*
‡J. P. Schmidt, B. S., *Supvr. of Insts.*
‡Dorothy S. Hammans, B. A., *Asst. State Home Dem. Leader.*
‡H. W. Harshfield, M. A., *Asst. State Club Leader.*
‡Hulda E. Horst, M. A., *Asst. State Club Leader.*
‡Eva M. Kinsey, B. S., *Asst. State Club Leader.*
‡C. C. Lang, B. S., *Asst. State Club Leader.*
‡Nellie Watts, M. A., *Asst. State Home Dem. Leader*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡O. C. Croy, M. S., *Dist. Supvr.*
‡Guy Dowdy, M. S., *Asst. in Land Use Planning and State Agt. Agr. Conserv.*
‡G. R. Eastwood, M. S., *Dist. Supvr.*
‡B. B. Spohn, B. S. Ed., *Supvr. of Projects and Programs.*

Home Economics:

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*Clara M. Bancroft, M. S., *Asst. Prof. Home Econ.*
‡Thelma Beall, B. S., *Home Mgt. Spec.*
‡Ruth M. Beard, M. S., *Home Mgt. Spec.*
*Grace R. Beckwith, M. A., *Instr. Home Econ. (P. O., Groveport).*
‡Edith Berry, B. A., *Clothing Spec.*
‡Anne P. Biebricher, B. S., *Home Mgt. Spec.*
*Margaret F. Bremner, M. S., *Instr. Home Econ.*
‡Edna M. Callahan, M. A., *Clothing Spec.*
‡Christine C. Carlson, M. S., *Nutr. Spec.*
‡Elizabeth S. Carmichael, M. S., *Child Development and Family Life Spec.*
*Esther Crew, B. S., *Instr. Home Econ. (P. O., Reynoldsburg).*
*Daisy Davis, M. A., *Asst. Prof. Home Econ.*
*Martha Dush, B. S., *Instr. Home Econ.*
‡Alma L. Garvin, M. A., *Nutr. Spec.*
*Mary E. Green, M. S., *Instr. Home Econ.*
*Alma C. Heiner, M. A., *Asst. Prof. Home Econ.*
*Osee Hughes, M. S., *Asst. Prof. Home Econ.*
*Mrs. June F. Kennedy, M. A., *Asst. Prof. Home Econ.*
*Mary E. Kohler, M. A., *Instr. Home Econ. (P. O., Hilliards).*
*Ruth T. Lehman, M. A., *Assoc. Prof. Home Econ.*
*Frances F. Mauck, M. A., *Asst. Prof. Clothing.*
*Hughina McKay, M. A., *Prof. Home Econ.*[2]
‡Alice McKinney, B. S., *Home Furnishing Spec.*
*Mrs. Elizabeth M. Moore, M. S., *Instr. Home Econ.*
*Winona L. Morgan, Ph. D., *Assoc. Prof. Home Econ.*
*Florence M. Osborn, B. S., *Asst. in Home Econ.*
*Florence E. Petzel, A. M., *Asst. Prof. Home Econ.*[2]
*Mrs. Alice D. Pressey, A. M., *Asst. Prof. Home Econ.*
*Mrs. Hazel H. Price, Ph. D., *Asst. Prof. Home Econ.*

Home Economics—Continued.

*Eunice Ryan, M. A., *Asst. Prof. Home Econ.*
*Dorothy D. Scott, M. S., *Asst. Prof. Home Econ.*
*Mrs. Agnes S. Smith, M. S., *Instr. Home Econ.*
*Eve E. Turnbull, M. A., *Asst., Prof. Home Econ.*
*Mrs. Louise S. Wolfram, B. S., *Instr. Home Econ. (P. O., Canal Winchester).*

Horticulture and Forestry:

*J. H. Gourley, Ph. D., *Chair. of Dept.*[2]
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*F. K. Beyer, M. S., *Asst. Prof. For.*
‡J. H. Boyd, B. S., *Veg. Gard. Spec.*
*H. D. Brown, Ph. D., *Prof. Veg. Gard.*[2]
*‡L. C. Chadwick, Ph. D., *Assoc. Prof. and Spec. in Flor.*[2]
*N. F. Childers, Ph. D., *Asst. Prof. Hort.*[2]
‡F. W. Dean, B. S., *For. Spec. (P. O., Wooster).*
‡I. C. Hoffman, Ph. D., *Veg. Gard. Spec. (P. O., Wooster).*
*F. S. Howlett, Ph. D., *Assoc. Prof. Hort.*[2]
*‡D. C. Kiplinger, M. S., *Asst. Prof. and Spec. in Flor.*
*Alex Laurie, M. A., *Prof. Flor.*[2]
*V. H. Ries, M. S., *Assoc. Prof. Flor.*
‡E. B. Tussing, M. S., *Veg. Gard. Spec.*

Journalism (Agr.):

‡J. E. McClintock, M. S., *Supvr. Home Reading Courses, Editor.*
‡Ethel M. Cadley, B. S., *Asst. Editor.*
‡G. E. Ferris, B. S., *Asst. Radio Editor.*
*H. R. O'Brien, M. A., *Lect. in Agr. Journalism.*
‡A. J. Patch, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. Editor (Visual Instr.).*

Poultry Husbandry:

*E. L. Dakan, B. S., *Chair. of Dept.*
‡R. E. Gray, M. S., *Poultry Spec.*[2]
‡C. M. Ferguson, B. S., *Poultry Spec.*
‡D. D. Moyer, B. S., *Poultry Spec.*
*A. R. Winter, Ph. D., *Assoc. Prof. Poultry Husb.*

Veterinary Medicine:

*O. V. Brumley, V. S., D. V. M., *Dean of Coll.*[2]
*A. F. Schalk, D. V. M., *Prof. Preventive Vet. Med.*[2]
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*B. H. Edgington, M. D. C., D. V. M., *Prof. Vet. Med.*[2] *(P. O., Reynoldsburg).*
*L. W. Goss, D. V. M., *Prof. Vet. Path.*
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Southwestern Expt. Farm, *P. O., Germantown*—H. L. Wachter, *Supt.*
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‡Myron Maxwell, M. S., *Ext Asst. Ent.*
*G. A. Moore, M. S., *Assoc. Prof. Zool.*
‡C. F. Stiles, M. S., *Ext. Ent.*
*†F. E. Whitehead, Ph. D., *Prof. Ent.; Ent.*

Extension (Admin.): [1]

‡E. E. Scholl, B. S., *Dir.*
‡Shawnee Brown, *Asst. Dir.*
‡Norma M. Brumbaugh, B. S., *State Home Dem. Agt.*
‡P. G. Adams, B. S., *State Club Agt.*
‡Alice Carlson, B. S., *Asst. State Club Agt.*
‡E. W. Cinnamon, B. S., *Asst. State Club Agt.*
‡H. F. Mercer, B. S., *Asst. State Club Agt. in charge Wildlife Conserv.*
‡Lee Craig, B. S., *Dist. Agt.*
‡Anna L. Diehl, *Dist. Agt.*
‡D. I. Diehl, *Dist. Agt.*
‡J. M. Ives, B. S., *Dist. Agt.*

Extension (Admin.)—Continued.

‡Zella King, B. S., *Dist. Agt.*
‡E. K. Lowe, B. S., *Dist. Agt.*
‡Lemna O. Maloney, B. S., *Dist. Agt.*
‡Esther L. Martin, B. S., *Dist. Agt.*

Home Economics:

*Nora A. Talbot, A. M., *Dean of School.*
*†Williamina E. Armstrong, Ph. D., *Prof. and Head Dept. of Home Econ. Res.*
*Virginia Messenger, Ph. D., *Prof. and Head Dept. of Home Life.*
*Millie V. Pearson, M. S., *Prof. and Head Dept. of Home Econ. Ed.*
*Dorothy Saville, M. S., *Prof. and Actg. Head Dept. of Household Arts.*
*Daisy I. Purdy, Ph. D., *Prof. and Head Dept. of Household Sci. and Hotel Admin.*
*Mrs. Patricia G. Butler, M. S., *Asst. Prof. Home Life.*
*M. Blanche Cade, M. S., *Asst. Prof. Household Arts.*
*Mary B. Carter, M. A., *Assoc. Prof. Household Sci.*
‡Clara C. Cerveny, M. A., *Asst. Food and Nutr. Spec.*
*Clarice Chambers, B. S., *Asst. Prof. Home Life.*
*Emma Chandler, B. S., *Instr. Household Sci.*
*Eileen E. Elliott, M. A., *Instr. Household Sci.*
‡Willie Fletcher, M. S., *Child Development and Parent Ed. Spec.*
*Evelyn W. Glascock, M. A., *Instr. Household Arts.*
‡Mrs. Bonnie V. Goodman, M. S., *Ext. Econ., Home Mgt.*
*Brenda Gould, M. A., *Assoc. Prof. Household Arts.*
*Mary L. Greenwood, Ph. D., *Assoc. Prof. Household Sci.*
‡Thelma Greenwood, M. S., *Asst. Ext. Econ., Home Mgt.*
*Beulah Hamilton, B. S., *Instr. Home Life.*
*Lois B. Hastings, B. S., *Instr. Household Sci.*
*Anna M. Johnson, M. S., *Assoc. Prof. Home Econ. Ed.*
*Ruby J. Johnson, M. S., *Asst. Prof. Household Arts.*
*Kathryn W. Kumler, M. A., *Assoc. Prof. Home Econ. Ed.*
*Mrs. Adaline M. Ledbetter, M. S., *Asst. Prof. Household Arts.*
*Eva E. Lisk, M. S., *Asst. Prof. Household Sci.*
*Mrs. Gladys B. Marshall, M. S., *Instr. Household Sci.*
‡Martha R. McPheters, B. S., *Food and Nutr. Spec.*
*Sara D. Meador, M. S., *Asst. Prof. Household Arts.*
‡Martha Merrifield, B. S., *Clothing Spec.*
*Mary E. Moody, M. A., *Asst. Prof. Home Life.*
*Ruth Musgrove, M. A., *Instr. Home Life.*
*Christine Newark, M. A., *Asst. Prof. Home Life.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Horticulture:
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*†Michel Afanasiev, Ph. D., *Assoc. Prof. and Assoc. Hort.*
*†J. L. Brown, B. S., B. L. A., *Asst. Prof. and Asst. Hort.*
*†H. B. Cordner, Ph. D., *Prof. and Assoc. Hort.*
*†G. F. Gray, Ph. D., *Asst. Prof. Hort.; Asst. in Small Fruits, Ornamentals, and For.*
*†E. L. Hartman, M. S., *Asst. Prof. and Asst. Hort.*
*Herman Hinrichs, B. S., *Instr. Hort.*
‡Fred LeCrone, M. S., *Asst. Ext. Hort.*
‡F. K. McGinnis, Jr., M. L. A., *Asst. Ext. Hort.*
‡D. C. Mooring, M. S., *Ext. Hort.*
*†F. A. Romshe, B. S., *Asst. Prof. and Asst. Hort.*

Journalism (Agr.):
*†C. E. Trout, M. S., *Prof. Journalism; Editor.*
*C. E. Bounds, B. J., *Asst. Prof. Journalism.*
*†G. F. Church, M. A., *Assoc. Prof. Journalism; Assoc. Editor.*

Journalism (Agr.)—Continued.
‡H. A. Graham, M. S., *Ext. Editor and Radio Dir.*
‡L. W. Osborn, B. S., *Asst. Ext. Editor.*
*S. E. Whitlow, M. A., *Asst. Prof. Journalism.*

Poultry Husbandry:
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*†T. T. Milby, Ph. D., *Asst. Prof. and Asst. Poultry Husb.*
‡L. R. Morris, Ph. D., *Asst. Ext. Poultryman.*
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*†O. D. Duncan, M. S., *Prof. and Head of Dept.*
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*†W. H. Sewell, Ph. D., *Prof. and Assoc. in Sociol. and Rural Life.*
*T. G. Standing,[1] Ph. D., *Prof. Sociol.*

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*††W. A. Schoenfeld, B. S., M. B. A., *Dean School of Agr., Dir. of Sta., Dir. of Federal Coop. Ext.*
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ANIMAL INDUSTRIES:
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Animal Husbandry:
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ANIMAL INDUSTRIES—Continued.

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ANIMAL INDUSTRIES—Continued.

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†M. P. Chapman, D. V. M., *Res. Asst. in Vet. Med.*
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ECONOMICS:

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Economics (Agr.):

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‡L. R. Breithaupt, B. S., *Ext. Agr. Econ.*
‡Paul Carpenter, B. S., *Ext. Agr. Econ., Mktg.*
*†D. B. DeLoach, Ph. D., *Prof. Agr. Econ.; Agr. Econ. (Coop. U. S. D. A.).*
*†W. H. Dreesen, Ph. D., *Prof. Agr. Econ.: Agr. Econ.*
*M. N. Nelson, Ph. D., *Prof. Agr. Econ.*
‡H. F. Prindle, B. S., *Junior Ext. Stat.*
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Farm Management:

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*†G. W. Kuhlman, Ph. D., *Assoc. Prof. Farm Mgt.; Assoc. Econ. (Farm Mgt.).*
*H. D. Scudder, B. S., *Prof. Farm Mgt.*
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*†R. E. Fore, Ph. D., *Assoc. Prof. Farm Crops; Assoc. Agron. (Coop. U. S. D. A.).*
*†L. R. Hansen, M. S., *Instr. and Res. Asst. in Farm Crops.*
*†L. E. Harris, M. S., *Assoc. Prof. Farm Crops; Asst. Agron.*
*†D. D. Hill, Ph. D., *Prof. Farm Crops; Agron.*
‡E. R. Jackman, B. S., *Farm Crops Spec.*
‡L. C. Jenkins, B. S., *Asst. Farm Crops Spec.*
†Louisa A. Kanipe, B. S., *Junior Bot. (Seed Invest.: Coop. U. S. D. A.).*
†E. G. Nelson, B. S., *Agt. (Fiber Flax Invest.: Coop. U. S. D. A.).*
†H. H. Rampton, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
†H. A. Schoth, M. S., *Agron. (Coop. U. S. D. A.).*

Food Industries:

*†E. H. Wiegand, B. S., *Prof. and Head of Dept. (Coop. U. S. D. A.).*
*†E. W. Harvey, Ph. D., *Asst. Prof. and Res. Asst. in Food Indus.*
*†Thomas Onsdorff, M. S., *Assoc. Prof. Food Indus.; Assoc. Food Indus. Technol.*

Horticulture:

*†Henry Hartman, M. S., *Prof. and Head of Dept.*
*†A. G. B. Bouquet, M. S., *Prof. Veg. Crops; Hort. (Veg. Crops).*
*†W. P. Duruz,[1] Ph. D., *Prof. Pomol.; Hort. (Plant Propagation).*
†Elmer Hansen, M. S., *Asst. Hort. (Pomol.).*
‡O. T. McWhorter, B. S., *Ext. Hort.*
*†A. N. Roberts, M. S., *Instr. and Asst. Hort.*
†C. E. Schuster, M. S., *Hort. (Coop. U. S. D. A.).*
†G. F. Waldo, M. S., *Asst. Pomol. (Coop. U. S. D. A.).*

Soils:

*†W. L. Powers, Ph. D., *Prof. and Head of Dept.*
‡I. C. DeArmond, B. S., *Ext. Soil Conserv.*
*†J. M. Haley, B. S., *Asst. Prof. and Asst. Irrig. Engin. (Coop. U. S. D. A.).*
‡A. S. King, M. S., *Soils Spec.*
†M. R. Lewis, B. S., C. E., *Irrig. and Drainage Engin. (Coop. U. S. D. A.).*
‡G. T. Newcomb, M. S., *Asst. Soils Spec.*
*†C. V. Ruzek, M. S., *Prof. Soil Fert.; Soil Sci. (Fert.).*
*†R. E. Stephenson, Ph. D., *Prof. Soils; Soil Sci.*
*†E. F. Torgerson, B. S., *Assoc. Prof. and Assoc. in Soil Sci. (Survey).*

[1] On leave.

Bacteriology:

*†G. V. Copson, M. S., *Prof. and Head of Dept.*
*†W. B. Bollen, Ph. D., *Assoc. Prof. and Assoc. Bact.*
*†Carl Lamanna, Ph. D., *Instr. and Res. Asst. in Bact.*
*†J. E. Simmons, M. S., *Prof. Bact.; Bact.*

Botany and Plant Pathology:

*†C. E. Owens, Ph. D., *Prof. and Head of Dept.*
†F. D. Bailey, M. S., *Assoc. Plant Path. (Coop. U. S. D. A.).*
†B. F. Dana, M. S., *Plant Path. (Coop. U. S. D. A.).*
†G. R. Hoerner, M. S., *Agt. (Coop. U. S. D. A.).*
†F. P. McWhorter, Ph. D., *Plant Path. (Coop. U. S. D. A.).*
†J. A. Milbrath, Ph. D., *Asst. Plant Path.*
†P. W. Miller, Ph. D., *Assoc. Plant Path. (Coop. U. S. D. A.).*
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Chemistry:

*†J. S. Jones, M. S., *Prof. and Head of Dept.*
†D. E. Bullis, M. S., *Assoc. Chem.*
†J. R. Haag, Ph. D., *Chem. (An. Nutr.).*
†M. B. Hatch, M. S., *Asst. Chem.*
†R. H. Robinson, M. S., *Chem. (Insect. and Fungicide).*
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Editorial—See **Journalism.**

Education (Agr.):

*H. H. Gibson, A. M., *Prof. and Head of Dept.*
*R. M. Adams, M. S., *Supervising Teacher in Agr. Ed.*

Engineering (Agr.):

*W. J. Gilmore, B. C. E., B. S., *Prof. and Head of Dept.*
†C. I. Branton, B. S., *Asst. Agr. Engin.*
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†W. M. Hurst, B. S., *Agr. Engin. (Coop. U. S. D. A.).*
*R. N. Lunde, B. S., *Asst. Prof. Agr. Engin.*
*†F. E. Price, B. S., *Prof. Agr. Engin.; Agr. Engin. in charge.*
*†H. R. Sinnard, M. S., *Assoc. Prof. and Assoc. Agr. Engin. (Farm Structures).*
†G. R. Stafford, *Engin. Aide (Coop. U. S. D. A.).*
*Clyde Walker, M. S., *Assoc. Prof. Agr. Engin.*

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†S. C. Jones, M. S., *Asst. Ent.*
†H. E. Morrison, M. S., *Asst. Ent.*
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Extension (Admin.): [2]

‡W. A. Schoenfeld, B. S., M. B. A., *Dir.*
‡W. L. Teutsch, B. S., *Asst. Dir.*
‡C. W. Smith, B. S., *County Agt. Leader.*
‡Mrs. Azalea L. Sager, M. A., *State Home Dem. Leader.*

Extension (Admin.)—Continued.

‡H. C. Seymour, *State 4-H Club Leader.*
‡L. J. Allen, M. S., *Asst. State 4-H Club Leader.*
‡J. R. Beck, B. S., *Land Use Spec.*
‡U. S. Burt, *Visual Instr. Spec.*
‡Helen J. Cowgill, M. A., *Asst. State 4-H Club Leader.*
‡C. L. Smith, M. S., *Asst. County Agt. Leader.*
‡R. H. Sterling, B. S., *Asst. Spec. in Land Use Planning.*
‡J. M. Clifford, *Secy.*

Home Economics:

*Ava B. Milam, M. A., *Dean of School.*
*Florence E. Blazier, Ph. D., *Prof. and Head Dept. of Home Econ. Ed.*
*Alma C. Fritchoff, M. A., *Prof. and Head Dept. of Clothing, Textiles, and Related Arts.*
*Melissa Hunter, M. A., *Prof. and Head Dept. of Institution Econ.*
*Mrs. Sara W. Prentiss, M. A., *Prof. Child Development and Parent Ed. Head Dept. of Household Admin.*
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*May Du Bois, M. S., *Asst. Prof. Home Econ. Ed.*
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*Margaret L. Fincke, Ph. D., *Assoc. Prof. Foods and Nutr.*
*E. Alta Garrison, M. A., *Asst. Prof. Foods and Nutr.*
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*Lillian C. Taylor, M. A., *Asst. Prof. Foods and Nutr.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., animal industries, etc.

Home Economics—Continued.
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*Ethel E. Allen, B. S., *Asst. Editor.*
*†‡F. L. Ballard, B. S., *Agr. Pubs. Editor and Prof. Ext. Methods.*
*†‡J. C. Burtner, B. S., *in charge News Service, Ext. Editor.*
*†‡D. M. Goode, M. A., *Editor.*
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Hood River Branch Expt. Sta., *P. O., Hood River*—
Leroy Childs, A. B., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
J. R. Kienholz, Ph. D., *Asst. Path. (Coop. U. S. D. A.).*

Branch Stations—Continued.
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Medford Branch Expt. Sta., *P. O., Medford*—
E. S. Degman, Ph. D., *Supt. and Assoc. Pomol. (Coop. U. S. D. A.).*
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Pendleton Branch Expt. Sta., *P. O., Pendleton*—
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*J. P. Burgess, B. S., *Itinerant Teacher Trainer (Agr.).*
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*†F. U. Fenn, M. S., *Assoc. Prof. and Assoc. An. Husb.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡Tyrus Thompson, B. S., *State Club Leader.*
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*Mary L. Morr, M. S., *Instr. Home Econ.*
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‡Raphael Brandreit, B. S., *Ext. Poultryman.*
‡Richard Heeren, *Asst. Ext. Poultryman.*
‡R. E. Mernaugh, B. S., *Asst. Ext. Poultryman.*
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†John Franklin, *Plot Asst.*
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†O. H. Long, *Asst. in Agron.*
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*C. S. Maurice, Ph. D., *Asst. Prof. Geol.*
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*Lyle Mamer, M. S., *Asst. Prof. Home Mgt.*
*Imogene Manning, M. S., *Asst. Prof. Nutr.*
*Bernadine H. Meyer, M. S., *Assoc. Prof. Foods.*
*Letty B. Mitchell, A. M., *Assoc. Prof. Home Econ. Ed.*
†Elise Morrell, M. S., *Asst. Nutr. Chem.*
*Marion E. Peterson, M. S., *Instr. Child Development.*
*Margaret Puffer, M. S., *Instr. Nutr. and Home Mgt.*
*Henrietta R. Sivyer, M. A., *Prof. Related Art.*
*Elisabeth L. Speer, A. M., *Prof. Home Mgt.*
*Nina Swindler, M. S., *Instr. Foods and Nutr.* (*P. O., Martin*).
*Mrs. Mary S. Venable, M. S., *Instr. Child Development.*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Spec.*
†Dorothy E. Williams, Ph. D., *Nutr. Chem.*
*Alberta Young, M. S., *Asst. Prof. Home Econ. Ed.*

Horticulture:

*†N. D. Peacock, Ph. D., *Head of Coll. Dept.; Assoc. Hort.*
†B. D. Drain, Ph. D., *Head of Sta. Dept.*
*Henry Dorr, Jr., B. S., M. F., *Asst. Prof. For.*
†L. A. Fister, B. S., *Asst. Hort.* (*P. O., Jackson*).
*T. H. Jones, M. S., *Actg. Instr. Hort.*
*J. E. McMahan, M. S., *Assoc. Prof. Hort. and Head Dept. of Agr.* (*P. O., Martin*).
*Arthur Meyer, M. S., *Asst. Prof. Hort.*
*A. E. Mitchell, M. S., *Instr. Hort.*
*Otha Ogle, *Foreman of Fruit Farm.*
‡W. C. Pelton, M. S., *Hort. Spec.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Horticulture—Continued.
‡G. B. Shivery, B. S., M. F., *Farm For. Spec.*
†C. R. Spangler, *Asst. in Hort.*
†A. B. Strand, M. S., *Assoc. Hort.*

Plant Pathology:
†C. D. Sherbakoff, Ph. D., *Head of Dept.*
†J. O. Andes,[1] M. A., *Assoc. Plant Path.*
†E. S. Brown, *Asst. in Plant Path.*
†R. A. Hyre, Ph. D., *Asst. Plant Path.*
†D. H. Latham, M. A., *Assoc. Plant Path. (P. O., Springfield).*
†E. N. Lyndon, *Asst. in Plant Path.*
†P. R. Miller, Ph. D., *Assoc. Plant Path. (Coop. U. S. D. A.).*
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Veterinary Science:
*†M. Jacob, V. M. D., *Prof. Vet. Sci.; Vet.*

Zoology:
*E. B. Powers, Ph. D., *Head of Dept.*
*Billie Caldwell, M. S., *Instr. Zool. (P. O., Martin).*

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*G. A. Canning, Ph. D., *Assoc. Prof. Zool.*
*Henry Meyer, Ph. D., *Asst. Prof. Zool.*
*B. C. V. Ressler, M. S., *Assoc. Prof. Zool.*
*Lula M. Shipe, M. S., *Instr. Zool.*
*Falconer Smith, Ph. D., *Instr. Zool.*
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L. R. Neel, B. S., D. Sc., *Supt.*
Tobacco Expt. Sta., *P. O., Greeneville*—
F. S. Chance, B. S., *Supt. (Coop. U. S. D. A.).*
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*F. G. Laster, M. S., *Instr. Biol.*
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*A. W. Berry, M. S., *Instr. Accounting and Stat.*
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*J. M. Orchard, M. S., *Asst. Prof. Agr. Ed.*
*W. R. Sherrill, B. S., *Asst. Prof. Agr. Ed.*
*J. L. Sowell, M. S., *Asst. Prof. Agr. Ed.*

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†James Sullivan, *Asst. Chief.*
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†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†J. H. Pruitt, *Insp.*
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†J. H. Rogers, *Insp.*
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*G. H. Soulin, B. S., *Asst. Prof. Fish and Game.*

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*R. F. Balthis, B. S. F., M. S., *Regional For. (P. O., Kirbyville).*
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*I. H. Jones, B. S. F., *Chief Div. of For. Mgt.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[3] Texas Forest Service.

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*F. R. Brison, M. S., *Prof. Hort.*
*R. F. Cain, M. S., *Instr. Hort.*
†W. S. Flory, Jr., Ph. D., *Hort.*
‡J. F. Rosborough, B. S., *Hort.*
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Landscape Art:

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‡Sadie Hatfield, M. A., *Lands. Gard. Spec.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
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Plant Pathology and Physiology:

†A. A. Dunlap, Ph. D., *Chief of Div.*
†G. E. Altstatt, M. S., *Plant Path.*
†L. M. Blank, Ph. D., *Assoc. Plant Path. (Coop. U. S. D. A.).*
†F. M. Eaton, Ph. D., *Senior Plant Physiol. (Coop. U. S. D. A.).*
†W. N. Ezekiel, Ph. D., *Plant Path.*
†A. L. Harrison, Ph. D., *Plant Path. (Tomato Disease Invest.: P. O., Yoakum).*
†Glenn KenKnight, Ph. D., *Plant Path. (P. O., Stockdale).*
†N. E. Rigler, Ph. D., *Plant Physiol.*

Poultry Husbandry:

†R. M. Sherwood, M. S., *Chief of Div.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
†R. L. Baker, M. S., *Turkey Mktg. Spec.*
†C. W. Carter, M. S., *Asst. Poultry Husb.*
†J. H. Couch,[1] M. S., *Assoc. Poultry Husb.*
†L. E. James, M. S., *Asst. Poultry Husb.*
‡G. P. McCarthy, B. S., *Poultry Husb.*
†V. H. Melass, Ph. D., *Poultry Husb.*
*E. D. Parnell, M. S., *Assoc. Prof. Poultry Husb.*
†J. N. Thompson, Ph. D., *Turkey Nutr.*
‡H. H. Weatherby, B. S., *Asst. Poultry Husb.*

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*R. C. Dunn, D. V. M., *Head Prof. Vet. Path. and Bact.*
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†F. P. Mathews, D. V. M., Ph. D., *Vet. in charge Loco Invest. Lab. (Coop. U. S. D. A.: P. O., Alpine).*
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*H. E. Redmond, D. V. M., *Instr. Vet. Med. and Surg.*
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†R. D. Turk, D. V. M., M. S., *Vet.*
†J. L. West, D. V. M., *Vet.*

[1] On leave.

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Libr.*
†Chester Higgs. *Exec. Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Reed McDonald, *Asst. Chief Clerk.*
†Mrs. Clarice M. Turner, B. A., *Secy.*

Substations:

Alta Loma (Truck Crop Insect Invest. Lab.)—
M. J. Janes, Ph. D., *Ent. in charge.*
Angleton (No. 3)—
R. H. Stansel, M. S., *Supt.*
O. W. Olsen, Ph. D., *Asst. Parasit.* (*Coop. U. S. D. A.*).
P. L. Piercy, D. V. M., *An. Path.*
H. M. Reed, B. S., *Hort.*
J. J. Reid, D. V. M., *An. Path.*
C. A. Woodhouse, D. V. M., M. S., *Parasit.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, M. S., *Asst. Agron.* (*Rice Prod. and Brdg.: Coop. U. S. D. A.*).
C. E. Minarik, Ph. D., *Plant Physiol.* (*Rice Invest.*).
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
E. M. Neal, B. S., *An. Husb.*
Big Spring (Livestock Feeding Invest. Lab.)—
F. E. Keating, B. S., *Assoc. Agron. in charge* (*Coop. U. S. D. A.*).
Jot Smyth, Jr., B. S., *Agt. in An. Husb.* (*Coop. U. S. D. A.*).
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt.* (*Coop. U. S. D. A.*).
J. C. Stephens, M. A., *Assoc. Agron.* (*Coop. U. S. D. A.*).
College Station (No. 10)—
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L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, M. S., *Assoc. Agron.* (*Wheat and Oat Prod. and Brdg.: Coop. U. S. D. A.*).
Gilmer (Sweet Potato Invest. Lab.)—
R. E. Wright, M. S., *Hort. in charge.*
Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
B. S. Pickett, Ph. D., *Hort.*
Jacksonville (Tomato Disease Lab.)—
P. A. Young, Ph. D., *Plant Path. in charge.*

Substations—Continued.

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W. L. Jones, Jr., B. S., *Irrig.*
Lufkin (Pasture Invest. Lab.)—
E. K. Crouch, B. S., *Agron. in charge.*
Montague (Fruit Invest. Lab.)—
U. A. Randolph, B. S., *Hort. in charge.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
O. G. Babcock, B. S., *Assoc. Ent.* (*Coop. U. S. D. A.*).
I. B. Boughton, D. V. M., *Vet.* (*Sheep and Goat Disease Invest.*).
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V. L. Cory, M. S., *Range Bot.*
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Tyler (No. 2)—
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*Elizabeth C. May, M. S., *Dir. Div. of Home Econ.*
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*S. G. Murray, M. S., *Asst. Prof. Rural Econ.*
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*Mrs. Hulda B. Owen, M. S., *Instr. Foods and Nutr.*

[1] On leave.

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*E. C. Peters, M. S., *Asst. Prof. Foods and Nutr.*
*Mayme L. Powell, M. S., *Assoc. Prof. Clothing.*
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*W. P. Terrell, M. S., *Itinerant Teacher Trainer (Trades and Indus.).*
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‡J. H. Williams, B. S., *Club Boys' Adviser.*

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Editorial:
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†Mrs. Gladys L. Harrison, A. B., *Bul. Editor.*

[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.

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*A. C. Jacquot, M. S., *Head Dept. Agr. Engin.*
†Theron Ashcroft, B. S., *Asst. Irrig. Engin.*[1]
*H. S. Carter, M. S., C. E., *Prof. Civil Engin.*
*H. R. Kepner, C. E., M. S., *Assoc. Prof. Engin.*
*E. M. Stock, M. S., *Asst. Prof. Irrig. Engin.*
*E. B. Wahlgren, M. S., *Instr. Agr. Engin.*

Entomology—See **Zoology.**

Extension (Admin.): [2]

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*Lois Holderbaum, M. S., *Asst. Prof. Textiles and Clothing.*

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‡Elna Miller, M. S., *Ext. Nutr.*
*Pauline E. Nutter, Ph. D., *Assoc. Prof. Foods and Dietetics.*
*Margaret Olsen, M. S., *Instr. Textiles and Clothing.*
*Edna Page, M. A., *Asst. Prof. Foods.*
‡Susie H. Sanford, B. S., *Clothing Spec.*
*Florence B. Thompson, M. A., *Asst. Prof. Home Econ. Ed.*
*Una Vermillion, M. A., *Assoc. Prof. Institutional Mgt.*

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*†F. M. Coe, M. S., *Assoc. Prof. and Assoc. Hort.*
*†L. H. Pollard, Ph. D., *Assoc. Prof. and Head Dept. of Veg. Crops.*
*‡L. S. Morris, M. S., *Assoc. Prof. and Head Dept. of Landsc. Arch.*
†‡A. L. Stark, Ph. D., *Assoc. and Ext. Hort.*

Physics:

*L. B. Linford,[3] Ph. D., *Prof. Phys.*
*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist, Actg. Head of Dept.*
*R. E. Harrington, Ph. D., *Instr. Phys.*

Poultry Husbandry:

*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
*‡Carl Frischknecht, M. S., *Assoc. Prof. and Ext. Poultryman.*

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*†Wayne Binns, D. V. M., *Asst. Prof. Vet. Med.; Asst. An. Path.*
†R. S. Jackson, A. B., *Sci. Aid (Coop. U. S. D. A.).*
†W. H. Krull, Ph. D., *Parasit. (Coop. U. S. D. A.).*
†H. H. Nielsen, M. S., *Agt. (Coop. U. S. D. A.).*

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†W. E. Peay, M. S., *Asst. Ent. (Coop. U. S. D. A.).*
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Miscellaneous:

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*David Davies, *Libr.*
‡N. P. Olsen, B. S., *Ext. Secy.*

Substations:

Davis County Substa., *P. O. Farmington*—L. H. Pollard, Ph. D., *Supt.*
Nephi Dry-Land Substa., *P. O., Nephi*—A. F. Bracken, M. S., *Supt.*

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[1] In cooperation with Branch Agricultural College, Cedar City.
[2] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.
[3] On leave.

VERMONT

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[1] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.

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*V. E. Kivlin, M. S., *Asst. Dean Coll. of Agr.*
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†A. R. Albert, B. S., *Assoc. Prof. Agron.* (*P. O., Hancock*).
‡G. M. Briggs, B. S., *Ext. Prof. Agron.*
‡F. V. Burcalow, M. S., *Ext. Asst. Prof. Agron.*
†‡E. J. Delwiche, M. S., *Prof. Agron.* (*P. O., Green Bay*).
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Agronomy—Continued.
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†A. M. Strommen, M. S., *Instr. Agron.* (*P. O., Spooner*).
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‡J. J. Lacey, B. S., *Ext. Prof. An. Husb.*
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*†R. H. Burris, Ph. D., *Asst. in Agr. Bact.*
*†W. C. Frazier, Ph. D., *Prof. Agr. Bact.*
*†E. B. Fred, Ph. D., *Prof. Agr. Bact.*
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*†P. H. Phillips, Ph. D., *Prof. Biochem.*
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*†Harry Steenbock, Ph. D., D. Sc., *Prof. Biochem.*
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‡A. J. Cramer, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡Eleanor M. Fritz, *Ext. Asst. in Dairy Husb.*
‡R. T. Harris, *Ext. Instr. Dairy Husb.*
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*C. E. Zehner, B. S., *Asst. in Dairy Husb.*

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†Fred Feutz, B. S., *Instr. Dairy Indus. (Coop. U. S. D. A.: P. O. Monroe).*
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*Hazel Manning, M. S., *Prof. Home Econ.*
*Juliette Mayer, M. S., *Instr. Home Econ.*
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‡Gladys L. Meloche, M. S., *Ext. Assoc. Prof. Home Econ.*
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*Mrs. Iva R. Mortimer, M. S., *Instr. Home Econ.*
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‡Gladys S. Stillman, M. S., *Ext. Asst. Prof. Home Econ.*
*Helen Waite, M. A., *Asst. Prof. Home Econ.*

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†W. B. Allington, Ph. D., *Res. Asst. in Hort.* (*Coop. U. S. D. A.*).
†O. J. Attoe, B. A., *Instr. Hort.*
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††O. B. Combs, M. S., *Instr. Hort.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*†‡Alice C. Harper, B. A., *Asst. in Wildlife Mgt.*

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*Dagny Borge, *Asst. Libr.*
*J. S. Curry, *Artist in Residence.*
*†C. S. Hean, B. A., *Libr.*
*Mrs. Josephine Shealy, *Asst. Libr.*
†Raphael Zon, B. S., F. E., *Prof. For. (Coop. U. S. D. A.: P. O., University Farm, St. Paul, Minn.).*

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A. L. Bibby, B. S., *Asst. in Branch Stas. (P. O., Spooner).*
D. H. Holt, B. S., *Asst. in Branch Stas. (P. O., Ashland).*
L. E. Muskavitch, *Asst. in Branch Stas. (P. O., Sturgeon Bay).*
A. M. Strommen, M. S., *Instr. in Branch Stas. (P. O., Spooner).*

Substations—Continued.

Hancock, Coddington, and Marshfield Branch Expt. Stas.—
A. R. Albert, B. S., *in charge* (*P. O., Hancock*).
C. J. Kindschi, B. S., *Asst. in Branch Stas.* (*P. O., Hancock*).

Substations—Continued.

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WYOMING

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[1] On leave.
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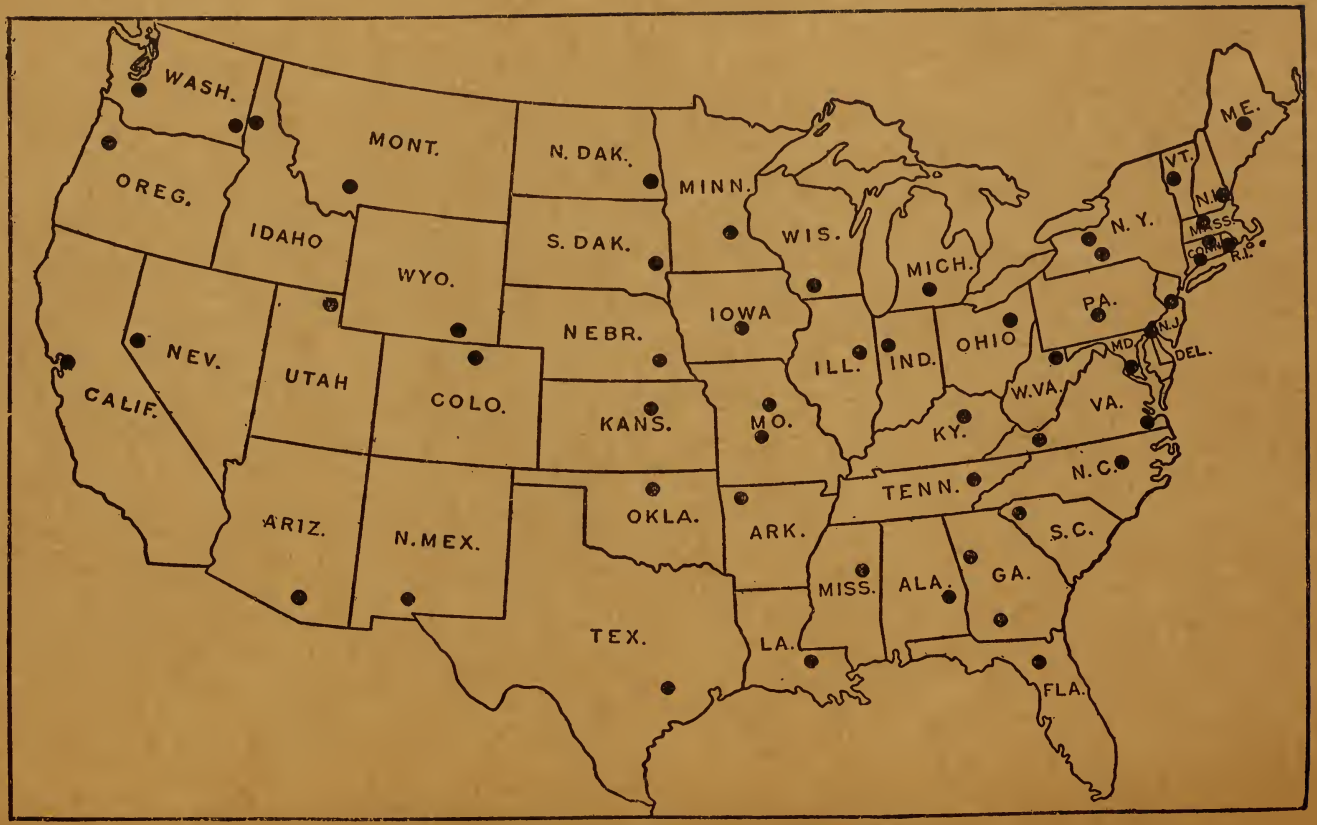

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